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GC/MS ANALYSIS OF ORGANICS IN DRINKING WATER CONCENTRATES AND ADVANCED WASTE TREATMENT CONCENTRATES

Volume 2

Computer-Printed Tabulations of
Compound Identification Results
for Large-Volume Concentrates

by

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Contract No. 68-03-2548

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16. ABSTRACT

The goal of this research program was to provide a detailed chemical characterization of organic material concentrated from large volumes (1,500 liters to 15,000 liters) of finished drinking water (DW) and finished water from advanced waste treatment (AWT) plants. The approach used was organic compound identification based on glass capillary gas chromatography-mass spectrometry (GC-MS) analysis of the fractionated concentrate. The purpose of the research program was to enable EPA scientists to correlate the results of the detailed chemical characterization with those from other research programs testing the potential biological activity (i.e., mutagenicity) of the concentrates. Fifteen DW concentrates, sixteen AWT concentrates and five concentrate production method blanks were analyzed.

The cities represented by the DW samplings were Cincinnati, Miami, New Orleans, Ottumwa (Iowa), Philadelphia and Seattle. Most of the unrecovered organic portion and the extracted material not amenable to GC-MS analysis appeared to be humic substances. In the 15 DW concentrates, 1091 organic compounds were identified in a total of 2383 detection instances.

The AWT plans sampled were located at Escondido, Lake Tahoe, Orange County and Pomona (all in California), Dallas, and Washington, D.C. (Blue Plains site). In the 16 AWT concentrates, 991 organic compounds were identified in a total of 2097 detection instances.

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field Group
Organic Contaminants Drinking Water Advanced Waste Treatment Municipal Wastewater		

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FOREWORD

The many benefits of our modern, developing, industrial society are accompanied by certain hazards. Careful assessment of the relative risk of existing and new man-made environmental hazards is necessary for the establishment of sound regulatory policy. These regulations serve to enhance the quality of our environment in order to promote the public health and welfare and the productive capacity of our Nation's population.

The complexities of environmental problems originate in the deep interdependent relationships between the various physical and biological segments of man's natural and social world. Solutions to these environmental problems require an integrated program of research and development using input from a number of disciplines. The Health Effects Research Laboratory, Research Triangle Park, NC and Cincinnati, OH conducts a coordinated environmental health research program in toxicology, epidemiology and clinical studies using human volunteer subjects. Wide ranges of pollutants known or suspected to cause health problems are studied. The research focuses on air pollutants, water pollutants, toxic substances, hazardous wastes, pesticides and nonionizing radiation. The laboratory participates in the development and revision of air and water quality criteria and health assessment documents on pollutants for which regulatory actions are being considered. Direct support to the regulatory function of the Agency is provided in the form of expert testimony and preparation of affidavits as well as expert advice to the Administrator to assure the adequacy of environmental regulatory decisions involving the protection of the health and welfare of all U.S. inhabitants.

The purpose of this research program was to enable EPA scientists to correlate the results of the detailed chemical characterization with those from other research programs testing the potential biological activity (i.e., mutagenicity) of the concentrates.

F. Gordon Hueter, Ph.D.
Director
Health Effects Research Laboratory

ABSTRACT

This second volume of the Final Report on contract 68-03-2548 contains, in integrated computer-printed tables, the complete set of organic compound identification results for the large-volume (400 gallons or more) drinking water and advanced waste treatment water concentrates. Collected here is the complete set of computer-printed compound identification results for these concentrates in combined format. Seven of the 22 computer-printed tables included in this volume were presented in Volume 1 of the Final Report on this work. The reader is directed to Volume 1 of the Final Report for a discussion of the significance of the results contained in these tables.

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LIST OF ABBREVIATIONS AND SYMBOLS

ABBREVIATIONS IN THE TEXT

AWT	-- advanced waste treatment
CAS number	-- Chemical Abstracts Service compound registry number
DW	-- drinking water
GAC	-- granular activated carbon
GC	-- gas chromatography or gas chromatographic
GC-MS	-- gas chromatography-mass spectrometry
ng/l	-- nanogram per liter, concentration
RO	-- reverse osmosis
RS	-- relative size; a parameter assigned to all GC peaks for approximate quantification. See discussion in text and Volume 1
SP1000	-- a polar GC liquid phase consisting of Carbowax 20M (poly-ethylene glycol) terminated with nitroterephthalic acid
SP2100	-- a nonpolar GC liquid phase consisting of methylsilicone fluid
XAD	-- identifies a concentrate produced by adsorption/elution using XAD-2 resin (polystyrene/2% divinyl-benzene copolymer, Rohm and Haas Co.)

ABBREVIATIONS IN THE COMPUTER-PRINTED TABLES

CAS NO.	-- numbers with five or more digits: Chemical Abstracts Service compound registry number; numbers with four or fewer digits are Battelle numbers
COL. 1	-- refers to analysis on the SP1000 GC column
COL. 2	-- refers to analysis on the SP2100 GC column
CONC.NG/L	-- concentration in the original water, in nanograms per liter
FRACTION 2	-- the methylated acid fraction
FRACTION 5	-- the fraction from hexane:benzene (1:1) elution of silica gel
FRACTION 7	-- the fraction from methanol elution of silica gel
FRACTION 8	-- the extracted bases fraction combined with the fraction from methylene chloride elution of silica gel
ID MODE	-- identification mode; pertains to whether compound identifications are confirmed or tentative (see "P" and "T")
MW	-- molecular weight
P	-- designates a compound identification which was proved correct by analysis of a standard
RS	-- relative size; a parameter reflecting the size of the GC peak for an identified compound; see discussion in text and Volume 1
T	-- designates a compound identification which is tentative, i.e., it has not been proved correct by analysis of a standard

THREE-DIGIT CONCENTRATE CODE IDENTIFIERS USED AS COLUMN HEADERS:

See Tables 1 and 2 for translation of these identifiers, but note:

B3C -- a combination of the concentrates B1M and B1N, applicable to Tables 21, 22 and 23 only (see discussion in text).

VERTICALLY PRINTED COLUMN HEADERS IN TABLES 11 AND 20:

ALC	-- alicyclic
ALDEHYD	-- aldehyde
ALI	-- aliphatic
ARO	-- aromatic
CARBOXY	-- carboxylic acid
HAL	-- halogenated
HETERO	-- hetero atom in a ring structure
PHTHALI	-- phthalic acid diester
PNA	-- polynuclear aromatic
SUB	-- substituted
UNS	-- unsaturated

Three-digit concentrate code identifiers used as column headers (example, V1X):
See Tables 1 and 2 for translation of these identifiers, but note:

B3C -- a combination of the concentrates B1M and B1N, applicable to Tables 21, 22 and 23 only (see discussion in text).

SYMBOLS USED IN THE COMPUTER-PRINTED TABLES

The following four symbols may appear to the left of the compound name:

*	-- designates a compound on the list of 53 compounds (see Table 4, Volume 1) for which the GC-MS data was specifically searched
+	-- designates a compound which is on EPA's Consent Decree Priority Pollutant list (semi-volatile compounds)
$	-- designates a compound which is on the Chemical Indicators of Industrial Pollution list (Federal Interium Primary Drinking Water Regulations, February 9, 1978)
%	-- designates a compound which is an entry in the EMIC database of compounds on which bioactivity data is available from Oak Ridge National Laboratory

BRIEF DESCRIPTION OF ALL VOLUMES OF THE FINAL REPORT

There are three volumes of this Final Report on EPA contract 68-03-2548. Each is briefly described below and the Tables of Contents of Volumes 1 and 3 are reproduced in Appendix B.

VOLUME 1

Volume 1 covers all aspects of analysis of the concentrates produced from large volumes (greater than 1415 liters (400 gallons)) of drinking water (DW) and advanced waste treatment (AWT) water. Eight key computer-printed tables which show organic compound identification results in integrated listings for the related sets of concentrates (DW and AWT) are contained in Volume 1. All discussion of the analysis results for large-volume DW and AWT concentrates as well as a complete description of the analytical scheme, computerized data management and accounting of all contract deliverables are contained in Volume 1.

VOLUME 2

Volume 2 contains 22 computer-printed tables which comprise the complete set of compound identification results covering the DW and AWT large-volume concentrates. Eight of these 22 tables are also incorporated in Volume 1 as the "core" set of information. The 14 computer-printed tables of Volume 2 which do not appear in Volume 1 provide the following additional information:

1. Identification status (confirmed or tentative) for all instances of compound identification in concentrates.
2. Systematic names, molecular formulas and molecular weights of all identified compounds.
3. Functional group information for each concentrate showing the total relative size values for each functional group on each of the two GC columns (SP1000 and SP2100).

VOLUME 3

Volume 3 covers the analysis of all small volume (10 to 30 liters) samples. These samples comprise the following sets:

1. A group of 13 samples of DW associated with granular activated carbon (GAC) contact treatment using unit "A" at the Cincinnati Waterworks.

2. A group of 7 samples, analogous to No. 1, above, associated with GAC contactor unit "D".
3. A group of 9 samples produced to monitor the reverse osmosis processing of DW sampled at Jefferson Parrish (New Orleans) Louisiana.
4. A group of 4 10-liter samples consisting of two reagent water blanks and two Cincinnati DW samples of which one was processed by lyophylization.

All of the compound identifications results for the above four sets of samples are presented and discussed in Volume 3. In addition, the modified analytical scheme used for these samples is presented in detail and compared to that used for the large-volume samples (Volume 1).

ACKNOWLEDGMENTS

Through the course of this three-year research program, many members of Battelle's technical staff have made significant contributions to the high quality of the results that were obtained. Denis C.K. Lin deserves special recognition for his major contribution to the conceptualization and development of the analytical scheme, results report format and computerized management of the extremely large database. His incorporation of glass capillary GC columns and a large number of deuterated internal standards were definitely "state of the art" at that time (1977). Other Battelle scientists and their contributions to this work include:

Laurence E. Slivon--Design and validation of the computer search and quantification capability; System/150 to INCOS data transfer; EPA/NIH/NSRDS library search implementation; high-density 9-track taping of GC-MS data; numberous utility programs for System/150; mass spectral data interpretation

Bruce A. Petersen--Analytical scheme design, quality control development, and mass spectral data interpretation

Roderick G. Warren--Implementation of the NUCLEUS data management and report production systems

Roger L. Foltz and Richard M. Thompson--Mass spectral data interpretation

Susan G. Watson--Confirmation of compound identification and mass spectral data interpretation

Timothy L. Hayes--GC-MS data processing, 10-liter extraction, data acquisition

Vanessa R. Goff--GC-MS data acquisition, quality control, and mass spectral data interpretation

Denise A. Contos--Concentrate partitioning, residue weight determinations, standards preparation, sample analysis tracking, and GC-MS data searching and quantification

Daniel G. Aichele--NUCLEUS system interaction and operation, report generation and coordination

Patricia P. Kelley--Report system development and production, NUCLEUS interaction

Joseph P. Tabor--GC-MS data screening for artifacts

Cynthia A. Schweiger and Bruce E. Urbschat--Assistance with NUCLEUS operations

The author, as senior team member in the early stages and principal investigator since 1979, was involved in all of the above cited activities except the development of System/150 operation programs.

SECTION 1

INTRODUCTION

This volume of the Final Report on EPA Contract 68-03-2548 presents the complete set of computer-printed tables for the compound identification results on the concentrates produced from large volumes of drinking water (DW) and advanced waste treatment (AWT) water. All discussion of the DW and AWT analysis results appears in Volume 1 of this report. Seven of these 22 tables, representing the essential "core" of the compound identification results, are also presented in Volume 1. The additional information provided by the complete set of listings is the following:

1. Identification status (confirmed or tentative) for all instances of compound identification in concentrates.
2. Systematic names, molecular formulas and molecular weights of all identified compounds.
3. Functional group information for each concentrate showing the total relative size values for each functional group on each of the two GC columns (SP1000 and SP2100).

SECTION 2

GUIDE TO THE COMPUTER-PRINTED LISTINGS

The two summary tables and 22 computer-printed tables presented in this volume can be classified in five related groups:

1. Results summary tables for DW (Table 1) and AWT (Table 2).

2. Compound identification results (Tables 3, 4 and 5) and distribution of molecular functional group types (Tables 6 through 11) for DW concentrates (9 tables).

3. Compound identification results (Tables 12, 13 and 14) and distribution of molecular functional group types (Tables 15 through 20) for AWT concentrates (9 tables).

4. Compound identification results for DW and AWT concentrates in combined tables (Tables 21, 22 and 23).

5. All compounds entered in the computer-managed database listed by increasing molecular weight and cross-referenced to the tables of items 2 and 3, above (Table 24).

In the tables of groups 2, 3 and 4, above, the concentrates are identified by a three digit code. Tables 1 and 2 show the correspondence of code names and concentrate identities for the DW and AWT concentrates, respectively. These two tables are reproduced from Volume 1 and contain additional information on residue weight analysis and statistics of compound identification results which were discussed in detail in that volume and will not be addressed here. The above listed 24 tables are presented in numerical order following the text to facilitate referral to them.

SELECTION OF CONCENTRATES FOR COMBINED RESULTS TABLES

The computer software which produced the combined concentrate report tabulations allowed a maximum of 18 concentrates to be displayed in a table. Since there were only 16 AWT concentrates (Table 2) and 2 relevant blanks (concentrate V1C, Table 1, functions as a reverse osmosis (RO) process blank), the AWT combination tables (Tables 12, 13 and 14) do not have any omissions. However, in the case of the DW concentrates (Table 1) there are 15 concentrates and 5 relevant blanks (counting the V1C and V1X concentrates as RO process blanks). Thus, it was necessary to omit two concentrates from the combined DW results (Tables 3, 4 and 5), and the Miami II XAD and New Orleans II XAD concentrates (M2X and N2X, respectively, Table 1) were chosen to be omitted since these two concentrates were heavily contaminated by XAD-2 resin bleed arti-

facts. For completeness, compound identification results for these two concentrates are presented in Appendix A.

The computer software which produced the DW plus AWT combined concentrate report tabulations allowed a maximum of 27 concentrates to be displayed in Tables 21 and 22. With a total of 36 concentrates (16 AWT, 15 DW and 5 "Blanks" (see Tables 1 and 2)) it was necessary to eliminate 9 of the concentrates from these tables. This task was accomplished as follows:

- The two solvent blanks, X1C and X1X were not included
- The two badly contaminated XAD DW samples, M2X and N2X, were not included, as for Tables 3, 4 and 5, discussed above
- Concentrate L2M was chosen as representative of the Lake Tahoe II samples, thereby eliminating concentrates L2P, L2N and L2D (see Table 2)
- Concentrates C1M and C1N were chosen as representative of the Pomona I samples, thereby eliminating concentrate C1P
- The B1M and B1N concentrate results were combined as a new new concentrate named B3C in the database, therebv reducing the number of concentrates to be combined by 1.

DW RESULTS--TABLES 3 THROUGH 11

Tables 3, 4 and 5

The compounds identified in the DW concentrates are listed in decreasing order of the relative size (RS value) of the GC peak. For a given compound the largest RS value observed is used to determine compound ordering in the list. This same order is used for each of the three tables (3, 4 and 5) with each table containing different kinds of information about each compound. Table 3 is one of the tables included in Volume 1. Tables 3 and 4, designated "Combined Concentrate Report (Part I.A)" and "Combined Concentrate Report (Part I.B)" in the computer-printed headers, respectively, show the common name of the compound and indicate in which of the concentrates each compound was found. The occurrence of identification in a concentrate is indicated in Table 3 by the RS value and in Table 4 by the identification status with a "P" indicating a positive (i.e., confirmed) identification and "T" indicating a tentative identification. In some cases, the actual concentration in the original water is given in Table 4 as nanograms per liter of original water. Compounds for which concentrations are reported obviously are confirmed identifications. Detailed explanations of the RS value, the identification confirmation procedure and the quantification method are given in Volume 1. In addition, Table 3 also shows the Chemical Abstracts Registry Number (CAS NO.) for each compound. CAS numbers of four digits or less are not genuine CAS registry numbers but have been assigned arbitrarily (for bookkeeping purposes in the computer-managed database) for compounds for which an authentic CAS number could not be obtained.

In contrast to Tables 3 and 4, Table 5 (designated "Combined Concentrate Report (Part II)" in the computer-printed header) gives no concentrate-specific information. Instead, it supplies a systematic name, molecular formula and

molecular weight for each of the entries. Correlation between the entries of Tables 3, 4 and 5 is facilitated by an index number at the extreme left side for each entry. Some of the common name entries in Tables 3 and 4 are truncated due to the space constraints imposed by the table layout. In every case, the non-truncated systematic name can be found in Table 5.

Although a complete discussion of the meaning and use of the GC peak RS value Parameter (Table 3) is provided in Volume 1, a brief explanation of the RS value is appropriate here. RS values comprise a logarithmic scale with a unit change in RS value denoting a change in GC peak height relative to the internal standard by a factor of one half of an order of magnitude (3.16). A GC peak with a height between 1 and 3 times that of the internal standard (present at the 1.3 ng/l level, 100 percent recovery basis) would be assigned an RS value of 5, while a GC peak with a height 1/10 to 1/30 that of the internal standard would be assigned an RS value of 3. Since the scale is logarithmic, negative RS values are possible. It is not advisable to assign concentrations to identified components on the basis of the RS value and the level of the internal standard (see Volume 1).

Tables 6 through 11

These six tables display five different parameters of the molecular functional group classification of the identified compounds. The five tables (6 through 10) each show, on a single page, the values for one of these five parameters for each DW concentrate and each of the 25 types of functional groups. Table 6 shows the number of each type of functional group found in each concentrate and Table 7 provides the information of Table 6 expressed as the percent of the total number of identified compounds that each functional groups represents. Since the identified species often contain more than one type of functional group, the sum of the percentages in Table 7 for any given concentrate will always be greater than 100 (the sum of the percentages, divided by 100 is, in fact, the average number of functional groups per identified compound). Tables 8, 9 and 10 present total RS values for each functional group and each concentrate in a parallel format to Tables 6 and 7. Since the RS value is a logarithmic scale, the RS values shown are not a simple arithmetic sum of the RS values for the individual identified compounds (see Volume 1). Table 8 and Table 9 give the results for the SP1000 and SP2100 GC columns, respectively, while Table 10 gives a total RS value for the combination of results for both GC columns. Table 7 (modified to enable computation of the values of Table 6) and Table 10 were included in Volume 1. Table 11 is essentially a composite of Tables 6, 7, 8, 9 and 10 with the location in the table of the function group identifiers and the 3-digit code concentrate identifiers interchanged. The format of Table 11 is designed to facilitate comparison between the five parameters tabulated in the other functional group tables.

It was noted above that, since RS is a logarithmic scale, negative values are possible for this parameter, and, indeed, a number of negative values can be found in Tables 8, 9, 10 and 11. However, a RS value given as 0.0 in these tables should be taken to indicate that the respective functional group was not found in the concentrate unless this hypothesis is contradicted by non-zero entries in Tables 6 and 7.

AWT RESULTS--TABLES 12 THROUGH 20

Tables 12, 13 and 14

The compounds identified in the AWT concentrates are listed in Tables 12, 13 and 14. These three tables are exactly analogous to Tables 3, 4 and 5 for the DW results, and the explanation above, under Tables 3, 4 and 5, therefore, applies to Tables 12, 13 and 14, respectively, without modification (except to substitute the term "AWT" for "DW").

Tables 15 through 20

These six tables display the combined results of molecular functional group statistics for the AWT concentrates in an exactly analogous fashion to that described above for the DW concentrates under the paragraph, Tables 6 through 11. For example, DW Table 6 corresponds to AWT Table 15.

COMBINED DW AND AWT COMPOUND IDENTIFICATION RESULTS--TABLES 21, 22 AND 23

DW and AWT compound identification results are integrated into single lists in Tables 21, 22 and 23. The organizational aspects of these three tables correspond to those described above in the paragraph, Tables 3, 4 and 5. Minor modifications in the table formats which allowed results for more concentrates to be displayed on each page of Tables 21 and 22 had the following consequences:

- The 3-digit concentrate identifier code was changed from a horizonatal to a vertical mode
- RS values were rounded to one significant figure in the unit digit
- Nanogram per liter concentration values were replaced with "P" to denote a positively identified compound

COMPOUNDS IN THE DATABASE LISTED BY MOLECULAR WEIGHT--TABLE 24

The tables listing the identified compounds in decreasing order of the RS values (Tables 3 and 4, 12 and 13, and 21 and 22 for DW, AWT and combined (DW and AWT) concentrates, respectively) provide for a convenient comparison of occurrence in related concentrates as well as an easy visualization of the predominant chemical species present. However, since these lists are ordered by decreasing size of the GC peak, they are not useful for determining if and where a specific compound was found. Obviously, the ability to determine whether a specific compound was found in these concentrates is of critical importance to the present and future usefulness of this work. To accomplish compound-specific inspection of the results, Table 24 has been produced. This table lists, by increasing molecular weight, all the compounds that have been added to the computer-managed database and correlates this listing with the tables showing occurrence of the compounds in the four sets of related samples (the large-volume concentrates of DW and AWT, and the small-volume samples for GAC contactor A and GAC contactor D). Thus, to determine whether a specific

compound was found, the range of compounds in Table 24 which have the correct molecular weight must be searched. If the compound is found in Table 24, it can then be located at the indicated sequence number of the relevant table showing the concentrates or small-volume samples in which that compound was found. The columns in Table 24 showing the correlating sequence numbers refer to the following tables: DW, Tables 3, 4 and 5; AWT, Tables 12, 13 and 14; T4, Table 5 of Volume 3 (GAC contactor A); and T5, Table 8 of Volume 3 (GAC contactor D). Table 24 is also presented in Appendix D of Volume 1 in which the structure of the database is described and rationale is given for the relatively large number of entries in Table 24 which do not have an indicated correlation to one of the four sets of data.

TABLE 1. PERTINENT CONCENTRATE DATA FOR DRINKING WATER (DW)

City	Code[a] Name	Date and Volume Sampled (Liters)	Residue Weight Analysis: Concentration[b] µg/l	Fractions, %[c]: Acid	Aromatic	Medium Polarity	High Polarity	Total %[d] Recovered	Identification Results, Number of Compounds: Status: Confirmed	Tentative	Total[e]	Unidentified[f]	Special Compounds: Specific[g] Search	Consent[h] Decree	Industrial[i] Indicators
Poplarville, Mississippi	V1C	3/2/79[j] (15,100)	0.6	2.4	0.6	4.1	11	22	19	31	50	33 41	4	9	9
Poplerville, Mississippi	V1X		17	1.8	21	1.0	1.8	38	60	98	158	110 123	3	6	6
XAD-2 Diethyl Ether Elution Blank	T2B	(k)	—	0.07[l]	0.07[l]	0.02[l]	0.04[l]	—	42	57	99	74 52	2	7	11
Cincinnati, Ohio	T1C	10/17/78[j] (1,460)	143	32	0.05	1.6	18	52	66	85	151 (140)	152 53	6	7	9
Cincinnati, Ohio	T1X		397 540	11 17	0.0 0.0	0.2 0.6	1 5.5	12 23[m]	35	42	77 (66)	69 32	1	5	2
Cincinnati, Ohio	T1Y		527	23	0.2	1.3	16	41	126	117	243 (211)	121 99	19	13	24
Cincinnati, Ohio	T4C	1/14/80[j] (5,300)	115	26	0.1	0.3	10	36	112	81	193 (165)	73 64	16	13	17
Cincinnati, Ohio	T4X		745	10	0.03	0.1	0.6	11 14[m]	96	85	181 (113)	64 73	7	7	5
Miami, Florida	M2C	2/3/76[j] (2,280)	527	38	0.1	0.3	11	50	77	143	220 (208)	84 42	6	12	13
Miami, Florida	M2X		2,100	11	0.4	0.2	0.6	13 20[m]	66	173	239 (106)	99 47	2	8	6
New Orleans, Louisiana	N2C	1/14/76[j] (6,620)	217	31	0.5	6.0	16	53	101	148	249 (231)	55 59	12	15	15
New Orleans, Louisiana	H2X		949	9	0.3	0.2	0.7	10 18[m]	75	158	233 (144)	180 114	3	10	8
Philadelphia, Pennsylvania	P2C	2/10/76[j] (5,810)	177	31	0.3	0.6	32	65	125	167	292 (279)	51 46	10	11	18
Philadelphia, Pennsylvania	P2X		1,006	5	0.1	0.4	2	7.7 19[m]	96	125	221 (114)	61 33	4	11	8
Ottumwa, Iowa	O2C	9/10/76[j] (5,450)	139	39	0.1	0.5	17	57	83	150	233 (213)	52 57	6	8	12
Ottumwa, Iowa	O2X		775	6	0.1	0.1	0.5	6.7 14[m]	70	161	231 (142)	49 37	3	6	7
Seattle, Washington	S2C	11/5/76[j] (11,750)	37	30	0.4	1.5	20	53	120	269	389 (361)	68 50	11	12	15
Seattle, Washington	S2X		99	8	0.1	0.1	3.3	12 25[m]	70	101	171 (140)	60 28	7	8	12
Extraction Solvent Blank	X1C	(k)	—	0.05[l]	0.00[l]	0.02[l]	0.03[l]	—	19	33	52	28 29	0	2	5
XAD-2 Ethanol Elution Blank	X1X	(k)	—	0.04[l]	0.09[l]	0.08[l]	0.09[l]	—	27	31	58	80 62	0	4	2

a) The three digit code name is used in the computer generated listings.
b) The amount of organic material in the concentrate expressed as µg/l (ppb) in the original water sample.
c) The amount of the recovered fractions, expressed as a percentage of the concentrate (residue basis). The aromatic, medium polarity, and high polarity fractions are the hexane:benzene, methylene chloride, and methanol silica gel eluates respectively.
d) Includes the recovered alkane/alkene fraction (hexane silica gel eluate) which is not analyzed by GC-MS.
e) The value in parentheses excludes compounds attributable to the RO process blank or XAD-2 resin (see discussion in Volume 1).
f) Unidentified components are listed separately for each GC phase. Upper number: SP1000. Lower number: SP2100.
g) The 53 compounds for which the data are specifically searched are listed in Table 4 (Volume 1).
h) The EPA "Consent Decree" list of priority pollutants (semi-volatile compounds).
i) The "Chemical Indicators of Industrial Pollution" list (Federal Interim Primary Drinking Water Regulations, February 9, 1978).
j) Concentrates which were derived from the same water sample or a duplicate water sample.
k) A blank which does not correspond to a water sampling.
l) The value shown is the fraction weight (mg) rather than the percentage of the concentrate.
m) The value shown is composited from the values for the solvent extract and XAD-2 extract concentrates.

TABLE 2. PERTINENT CONCENTRATE DATA FOR ADVANCED WASTE TREATMENT (AWT) WATER

City	Code[a] Name	Date and Volume Sampled (Liters)	Residue Weight Analysis: Concentration[b] µg/l	Fractions, %[c]: Acid	Aromatic	Medium Polarity	High Polarity	Total %[d] Recovered	Identification Results Number of Compounds: Status: Confirmed	Tentative	Total[e]	Unidentified[f]	Special Compounds: Specific[g] Search	Consent[h] Decree	Industrial[i] Indicators
Extraction Solvent Blank	X1C	(k)	—	0.05[l]	0.00[l]	0.02[l]	0.03[l]	—	19	33	52	28 29	0	2	5
Lake Tahoe, California	L2P	10/24/74[j] (1,500)	51	7.4	1.2	2.7	77	89	154	106	260 (240)	55 62	6	12	21
Lake Tahoe, California	L2M		52	65	0.02	4.9	20	90	71	62	133 (105)	54 48	5	4	12
Lake Tahoe, California	L2N		153	16	2.4	2.6	60	81	73	84	157 (136)	72 79	5	8	6
Lake Tahoe, California	L2D		50 306	39 27	0.01 1.4	0.8 2.7	21 50	61 81[m]	99	79	178 (166)	97 96	9	8	8
Pomona, California	C3C	6/17/75 (1,500)	87	7.7	1.2	3.0	34	46	63	51	114 (104)	56 55	9	5	14
Pomona, California	C1P	9/25/74[j] (1,500)	197	0.99	1.8	1.5	23	28	90	68	158 (143)	56 68	10	11	11
Pomona, California	C1M		104	22	0.96	1.9	13	38	83	70	153 (133)	96 61	10	11	11
Pomona, California	C1N		69 370	83 22	0 1.2	1.1 1.5	3.3 17	88 42[m]	82	113	195 (170)	117 70	11	9	13
Pomona, California	C2N	10/2/74 (1,500)	37	5.7	5.4	1.9	5.6	20	51	69	120 (106)	80 43	5	8	16
Orange County, California	R1C	1/27/76 (1,500)	104	6.6	0.7	0.5	28	37	78	47	125 (105)	99 65	1	6	7
Orange County, California	R2C	2/3/76 (1,50C)	144	9.0	1.1	1.8	37	50	135	120	255 (233)	163 193	22	10	13
Escondido, California	E1C	7/8/75 (1,500)	18	2.3	0.7	0.2	20	23	32	24	55 (40)	64 46	5	5	11
Dallas, Texas	D2N	11/11/74 (1,500)	18	33	3.2	0.1	13	62	76	37	113 (92)	21 25	2	6	8
Blue Plains, Washington, D.C.	B2C	5/31/75 (1,500)	46	12	1.1	1.4	63	79	65	59	124 (97)	82 90	6	8	13
Blue Plains, Washington, D.C.	B1M	9/20/74[j] (1,500)	23	26	0.2	1.0	13	41	80	61	141 (117)	159 108	6	8	9
Blue Plains, Washington, D.C.	B1N		21 44	59 42	1.4 0.8	1.7 1.3	20 16	83 60[m]	65	61	126 (110)	148 72	5	5	3

a) The three digit code name is used in the computer generated listings.
b) The amount of organic material in the concentrate expressed as µg/l (ppb) in the original water sample.
c) The amount of the recovered fractions, expressed as a percentage of the concentrate (residue basis). The aromatic, medium polarity, and high polarity fractions are the hexane:benzene, methylene chloride, and methanol silica gel eluates respectively.
d) Includes the recovered alkane/alkene fraction (hexane silica gel eluate) which is not analyzed by GC-MS.
e) The value in parentheses excludes compounds attributable to the RO process blank (see discussion in Volume 1).
f) Unidentified components are listed separately for each GC phase. Upper number: SP1000. Lower number: SP2100.
g) The 53 compounds for which the data are specifically searched are listed in Table 4 (Volume 1).
h) The EPA "Consent Decree" list of priority pollutants (semi-volatile compounds).
i) The "Chemical Indicators of Industrial Pollution" list (Federal Interim Primary Drinking Water Regulations, February 9, 1978).
j) Concentrates which were derived from the same water sample or a duplicate water sample.
k) A blank which does not correspond to a water sampling.
l) The value shown is the fraction weight (mg) rather than the percentage of the concentrate.
m) The values shown are composites for the indicated sampling.

TABLE 3. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN DW CONCENTRATES, SHOWING THE SIZE OF THE GC PEAK

COMBINED CONCENTRATE REPORT (PART I.A)

	COMMON NAME	CAS NO.	*	VLC	VLX	T2B	T1C	T1X	T1V	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
				RELATIVE SIZE																	
1	X+SDI-N-BUTYLPHTHALATE	84742		2.8	1.8	3.1	5.8		5.8		8.6*	8.7	8.3	8.1		4.8*		2.5*	1.2*		1.4
2	X+NAPHTHALENE	91203	A		5.1	1.8		5.8*		8.6	3.6*				7.8*	4.9	7.9*	2.2			2.2
3	2-ETHYL-1,1-BIPHENYL	1812517	A		6.8						3.6*			1.8	7.8*	8.9	4.9*				3.2
4	XPALMITIC ACID	57103				3.8	7.8			4.6*	3.6*	7.6	5.7*	5.8*	1.8*	4.9*	1.9*	5.2	1.2*	5.8	
5	X1-BUTANOL	71363						3.8				4.6	7.3		2.8				2.5		
6	2-HYDROXY-2-METHYLPROPANOIC ACID	594616							7.8			1.6									
7	2-ETHYL-3-METHYLMALEIC ACID	41654895					7.8	5.8		5.6	4.6	5.6	6.7	4.8		6.8	4.9	4.2	4.2		
8	1-(1-METHYLPROPOXY)-2-PROPANOL	53987952					7.8									8.9					
9	XMETHYL BENZOATE	93583				7.8			5.8*												
10	XCYCLOHEXANOL	108930				5.8	5.3*	3.8		3.6*		6.9	6.8	5.9		5.8*		5.3		4.2	
11	XMONOBUTYL PHTHALATE	131704				1.8							6.7	6.8						2.8	
12	1,2 5,6-BIS-O-ISOPROPYLIDENE-BETA-D-TALO	23262795												6.8		5.8				4.2	
13	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUC	28880937												6.8							
14	2,3-DIMETHYLMALEIC ACID	488211					5.0	4.0		5.6	4.6	5.6	6.7	5.8		5.9	4.9	4.2			
15	PHTHALIC ANHYDRIDE	85449											6.7								
16	XCYCLOHEXANONE	108941					5.8			2.6		6.7	5.7	5.8		3.8		4.2	1.2		
17	XBENZOIC ACID	65850		0.0	4.8	5.8	5.8	6.8	6.8	4.6	3.6	6.6	5.7	5.8	4.8	4.9	5.9	4.2	5.2	1.8	4.2
18	XMYRISTIC ACID	544638		1.8		3.8	6.8			3.6*		6.6	6.7			4.1	1.9*	5.2		4.8	3.2
19	PENTADECANOIC ACID	1002842		1.8		1.8	4.8*			2.6*		6.6	3.7*					3.2*		2.8	
20	XSDI-ISOBUTYLPHTHALATE	84695		0.0	1.8		5.8					6.6	6.8	3.8							
21	TRANS-2-METHYLCYCLOPENTANOL	25144841				2.8		4.8				6.6		5.4					3.2		
22	2-METHYLBUTYRIC ACID	116538							3.8	3.6	3.6	6.6	3.7	4.8	2.8	3.9	4.9	4.2	2.2		
23	2,2,4,4-TETRAMETHYL PENTANOIC ACID	3302123							3.8	2.6		6.6	3.7	3.8							
24	XBUTYRIC ACID	107926									4.6	6.6	2.7	2.8			2.9		3.2		
25	MARGARIC ACID	506127										6.6	2.7*					3.2*		3.8	
26	1,2-PROPYLENE GLYCOL, DIMETHYL ETHER	7778858										6.6									
27	2-HEPTENE	592778										6.6									
28	1,1-DICHLOROACETONE	513682										6.6	5.7	4.8							
29	3-ETHYL-4-METHYL-2,5-FURANDIONE	3552338										6.6	5.7			5.9		2.2			
30	2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE	80717					4.8		5.8									4.2			
31	4-(HEXYLOXY)-1-BUTANOL	4541133												2.8		4.8		6.2			
32	6-BROMO-2-HEXANONE	10226296					4.1		6.1			4.6									
33	XBROMODICHLOROMETHANE	75274					1.8		6.1			2.6	1.7	3.8							
34	XBROMOFORM	75252					2.8		6.8	6.6		4.6	3.7								
35	4-METHYL-2-PENTANOL	108112			3.8	5.6		6.8	6.8*					5.8	4.8*		4.9*			1.8	
36	X**2,4,6-TRICHLOROPHENOL	88062		-2.8					6.8	3.6		8.6		4.8	8.2			2.2			
37	X+SDIETHYL PHTHALATE	84662		0.0		2.8	5.8	3.8	6.8	1.6*	3.6	6.6	6.7			3.9			1.2*	1.8	
38	2,4,6-TRIBROMOPHENOL	2081							6.8												
39	AMYLENE DICHLORIDE	507459							6.8	2.6*		6.6	6.7	2.8*		2.9*		3.2	4.2	2.8	
40	X9,10-ANTHRACENEDIONE	84651							6.8												
41	7,7-DIMETHYL-2-OXOBICYCLO[2.2.1]HEPTANE-	3144169							6.8												
42	3-METHOXY-3-METHYL-2-BUTANONE	36687946							6.8			3.6	5.7					4.2			
43	4-HEXEN-3-ONE	2497214							6.8			3.6									
44	XTRICHLOROPROPANE	96184					6.8														
45	1-METHOXY-2-PROPANOL	107982				5.8	6.8	6.8						6.8	2.1	5.8	6.9		6.2		

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE																	
			*	V1C	V1X	T2B	T1C	T1X	T1V	T6C+T4K+	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
46	3-HEXANOL	623370					6.8			5.6	4.7	2.8	2.8		2.9	1.2				
47	XSALICYLIC ACID	69727			1.8	1.8	6.8	3.8	4.8	3.6	4.6	3.6	3.7	4.8	3.6	3.9	3.9		3.2	
48	XCAPRYLIC ACID	124072				1.8	6.8		3.8	3.6	1.6		5.7	4.8	3.8	3.9	1.9	3.2	3.2	
49	XPHENYLACETIC ACID	103822					6.8	4.8	3.8	3.6	3.6	4.6	4.7	5.8	4.8	4.9	4.9	2.2	3.2	
50	~~3,3-DIMETHYLMALEIC ACID~~ SEE NO. 14	~~488244~~					6.8			5.6	4.6									
51	XPELARGONIC ACID	112058					6.8					3.7	3.8		3.9		3.2	2.2		
52	XSTEARIC ACID	57114					6.8*			3.6*		3.7*			4.9*		5.2*		5.8	
53	1,3,5-TRIMETHYLCYANURIC ACID	827167					6.8		5.8	3.6		4.7								
54	1-METHYLBUTYLALCOHOL	6832297				3.8	3.6													
55	3-PENTEN-2-OL	1569582									5.7	6.8	4.9		4.8		4.5			
56	2-METHYL-3-HEXANOL	617296							4.8	3.2*	5.6	6.8	5.8		4.9				3.8	
57	2-ETHYLBUTANAL	97961												1.8*				-8.8	+6.8*	
58	X4+-ETHYLACETOPHENONE	937304	A		4.8				4.8*		2.6*								6.8	
59	DEHYDROABIETIC ACID	5155784		1.8	0.0	2.8				3.8*			2.7*		5.9		4.8*		1.2*	
60	3,4-DIETHYLBIPHENYL	61141668	A		5.3								1.7			5.9		2.2*		1.8 1.2
61	1-METHYL INDENE	767599	A		3.8						2.6*		8.7	8.8		5.9	1.9*			4.2
62	XTOLUENE	108883				5.8					3.6			4.8			5.9		2.2	3.8
63	ISOVALERIC ACID	583742					4.8		4.8	2.6	4.6	3.6	3.7	4.8	4.8	4.9	5.9		4.2	
64	2,4-DIMETHYLBENZOIC ACID	611018							3.8	2.6			1.7	3.8		2.9	5.9	4.2	2.2	
65	3-PENTEN-2-ONE	625332														5.9		2.2		1.8
66	HEXAHYDROTOLUENE	108872														5.9				
67	XACETOPHENONE	98862			3.8	1.6	3.8		5.1*		3.6*	4.6	3.7	4.9	5.9*	2.8	5.8*	2.2	1.3	
68	6-METHYL-5-HEPTEN-2-ONE	110938					3.1							3.8	5.9	2.8		2.2		
69	2-ETHYL-1-HEXANOL	104767		-1.8			4.8	5.8		4.2	4.6				5.8	3.8		4.8	3.2	
70	2+-ETHYLACETOPHENONE	2142645	A		2.8										5.8*		4.9*			
71	2-ETHYLHEXANOIC ACID	149575		-1.8			5.8		3.8	5.6	2.6	3.6	5.7	5.8		3.9	2.9	4.2		
72	M-TOLUIC ACID	99047					4.8		3.8	2.6	2.6		4.7	5.8			1.9	4.2	3.2	
73	P-TOLUIC ACID	99945					4.8		4.8	2.6		2.6		5.8	3.8			4.2	3.2	
74	CLOFIBRIC ACID	882097					5.8		5.8	4.6		5.6	4.7	5.8		4.8				
75	+ISOPHORONE	78591						3.8	1.8	2.6	2.7			5.8	3.8	1.9	3.9	1.2	2.2	
76	SN-BUTYL-ISOBUTYLPHTHALATE	17051535										5.6	3.7	5.8			2.9			
77	2,6-DIMETHYLBENZOIC ACID	632462											1.7	5.8		2.9		4.2	2.2	
78	1,5-HEPTADIENE-3,4-DIOL	51945983											4.7	5.8				5.2		
79	2-(2-BUTOXYETHOXY)ETHANOL (A DIETHYLE	112345					3.8	4.3		3.6	2.7	5.6	5.8		4.8	4.8	1.9	3.2	4.2	
80	3-METHYL-2-BUTEN-1-OL	556821										5.7				3.9		4.2		1.8
81	BENZORESORCINOL	131566											5.7					1.2		
82	XCAPRIC ACID	334485		0.0			4.8			3.6		4.6	5.7	4.8		3.8		4.2		
83	XTRIBUTYL PHOSPHATE	126738		1.8		1.8	3.8		5.8	3.6*		4.6*	5.7	4.8				3.2*		2.8-8.8
84	XAZELAIC ACID	123999			2.8	1.8	5.8	4.8		3.6	4.6*	3.6	5.7	4.8	3.8*	3.9	4.9*		2.2*	2.8
85	XPHTHALIC ACID	88993			0.0			3.8			2.6*	5.6	5.7	4.8	3.8	2.9*		2.2		
86	XLAURIC ACID	143077				4.8		4.8*		3.6*			5.7	2.8*	3.1*	3.9*	3.9*	5.2	4.2	3.8
87	SUBERIC ACID	505486						3.8*			3.8		5.7		2.8	2.9	2.8			1.8
88	XOLEIC ACID	112801								3.6			5.7					3.2		
89	2-CYCLOPETEN-1-ONE	930303											5.7							
90	DICYANOHEXANE	111693											5.7							

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE *VLC	VLX	T2B	T1C	T1X	T1Y	T4C+T4X+N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
91	XATRAZINE	1912249								5.7			2.9					
92	1H-IMIDAZOLE-2-CARBOXALDEHYDE	10111087	-1.8						5.6		3.8			1.9				
93	2H-OCTANOL	111875		3.8					5.6		4.6			8.9*				
94	CIS-2-METHYLCYCLOPENTANOL	25144052			4.8		5.8		5.6						8.2			
95	XVALERIC ACID	109524				4.8	1.8	2.6	4.6 5.6	4.7	2.8	2.5	3.9	3.9	3.2	2.2		
96	XBICHLORACETIC ACID	79436				5.8	3.8	4.8	3.6 5.6		2.8	2.8		1.9	3.2	4.2		
97	XTRIETHYL PHOSPHATE	78488				3.8		4.8	3.6 5.6		3.8		1.9					
98	5,6,7,7A-TETRAHYDRO-4,6,7A-TRIMETHYL-2(4	15356748				4.8	3.8		2.6 5.6	2.7	4.6		4.9	3.9				
99	3-METHYL-2-BUTENOIC ACID	541479						2.8	2.6 5.6			8.1		2.9	3.2			
100	3-METHOXYPENTANE	36839675						3.8	5.6									
101	TRIPROPYLENE GLYCOL, METHYL ETHER	488							2.8 3.6 5.6			3.8						
102	TRIPROPYLENE GLYCOL, METHYL ETHER	483							2.6 5.6		4.8	3.8						
103	6-METHYL-2-HEPTANONE	928687							8.6 5.6		4.8		3.8		2.2			
104	XPROPYL ALCOHOL	71238							5.6									
105	2,2-DIETHYLPROPYLENE GLYCOL	115764							5.6									
106	AMYL CHLORIDE	543599							5.6		4.8							
107	3,5-DIMETHYLCYCLOHEXANOL	5441521							5.6 1.7				2.9		2.2			
108	1-METHYL-3-CYCLOHEXEN-1-OL	33861164							5.6									
109	CYCLOHEXYL FORMATE	4351546							5.6		1.8				2.2			
110	1,1,1-TRICHLORO-2-PROPANONE	918003							5.6									
111	X2-CHLORO-1,1-DIETHOXYETHANE	621625						5.6										
112	XDICAMBA	1918089		0.0		4.8			2.6 5.6		4.7		1.9		2.2	3.2		
113	XISOBUTYRIC ACID	79312							5.6				3.9					
114	2-METHYL-3-BUTEN-2-OL	115184							2.6		4.6	5.3	4.8		3.9			
115	XBENZALDEHYDE	100527		2.2	1.8	3.8	4.8	5.3	2.8 2.8*	4.6	4.7	3.8	3.8*	4.9	1.9*	2.2	1.2*	
116	DIETHYLENE GLYCOL, BUTYL ETHER	431						1.8			1.7			3.9		5.2		
117	3,3,3-TRICHLOROPROPENE	2233883							-8.4					3.9			5.2	
118	2-ETHYL-3-METHYLFUMARIC ACID	28096888											3.8			5.2	4.2	
119	ETHYL LACTATE	97643														5.2		
120	DIACETYLBENEZENE	1009616														5.2		
121	ALDOL	107891														5.2		
122	X1-(ETHENYLOXY)BUTANE	111342														5.2		
123	6-PROPYL-BETA-RESORCYLIC ACID	4707588															5.2	
124	4-ISOPROPYL-O-PYROCATECHUIC ACID	19420612															5.2	
125	N-TRIETHYLENE GLYCOL, MONOETHYL ETHER	112585				1.8			8.6		1.8	5.1		3.9				
126	DIPROPYLENE GLYCOL, METHYL ETHER	425							2.7 3.8 1.6	4.7	2.8	5.1						
127	METHYL MYRISTATE	124107	1.8		1.8			5.8						2.9*				
128	METHYL STEARATE	112618	1.3		2.8		2.8*5.8											
129	DIOCTYL ADIPATE	123795	0.0	0.0			2.8*5.8		*0.4*2.6*3.6*		3.8*		1.9*8.9*				3.6	
130	X*STYRENE	100425		0.0	1.8			5.8	-1.4*		-8.2*	8.1*3.9			8.2*			
131	1,3-DIETHYL BENZENE	141935	A	3.8	3.8			5.8*	2.6*			1.8*	4.9	-8.1				
132	1,4-DIETHYL BENZENE	105055	A	4.8	3.8			5.8*	2.6*			1.8*	4.9	8.9				
133	1,2-DIETHYL BENZENE	135013	A	3.8	2.8			5.8*	1.6*			1.8*	4.9	8.9				
134	X*SDIOCTYLPHTHALATE	117840		3.8	2.8			5.8*		1.7*		2.8*						
135	ETHYL PALMITATE	628977	A	3.8	1.8			5.8*	1.4 2.6*.			4.8*		4.9		1.2		8.2

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C↑T4X↑N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
136	METHYL-3,5-DIMETHYL BENZOATE	25081394				3.0			5.0										
137	2-METHOXY-3-METHYLCROTONIC ACID	58973105					3.0	3.0	5.0		3.6	2.6		1.8		2.9		4.2	
138	XDIBROMOCHLOROMETHANE	124481					3.1		5.0-8.4			4.6	4.7	2.8			1.2		
139	2-CYCLOHEXENONE	938687					4.1		5.0			4.6	4.7	4.8					1.2
140	2,3,5,6-TETRACHLOROTEREPHTHALIC ACID	2136790						5.0	5.0		3.6								
141	X2M-XYLENE	108383							5.0	0.6					1.9		2.2		
142	X3-CHLORO-2-METHYL PROPENE	563473							5.0										
143	X+$0-DICHLORO BENZENE	95501							5.0			2.6		8.0		8.9		2.2	
144	X*+$HEXACHLORO-1,3-BUTADIENE	87683							5.0				8.7						
145	P-METHYLSULFONYL TOLUENE	3185997							5.0										
146	1,1,3,3-TETRAMETHYL-2-INDANONE	5689123							5.0										
147	2,3-DIMETHYL-2-BUTANOL	594685							5.0				3.7				2.2		
148	METHYL HEPTANOATE	106738							5.0										
149	PHENYL ACETIC ACID, METHYL ESTER	101417							5.0										
150	DI-(2-BROMOETHYL)ETHER	5414197							5.0										
151	1-ISOCYANO-4-METHYLBENZENE	7175475							5.0										
152	SULFONYLBIS(4-CHLOROBENZENE)	80079							5.0										
153	2-ETHYL-4-METHYL-1-PENTANOL	106672					3.0	5.0											
154	3-METHYLCYCLOPENTANONE	1757422					4.0	5.0						1.8		1.9		2.2	5.0
155	XCAPROIC ACID	142621		-1.0		1.0	5.0	4.0	2.0	*4.6	4.6	3.6	4.7	4.0	3.0	4.0	3.9	3.2		1.2
156	X*+PHENOL	108952			2.0		5.0	4.0	3.0	3.6	3.6	2.6	3.7			8.9	3.9			
157	X$1,1,2,2-TETRACHLOROETHANE	79345				5.0	5.0*	4.0*		8.6*		1.6*								
158	XN-HEPTANOIC ACID	111148					5.0	4.0	1.0	4.6	3.6	3.6	3.7	2.8	1.1	3.9		2.2	2.2	8.2
159	2,3,3-TRICHLORO-2-PROPENOIC ACID	2257354					5.0	4.0	3.0		3.6			4.8	3.1				4.2	
160	N-HYDROXYPHTHALAMIDE	524389					5.0	4.0			3.6									
161	1-ETHOXY-1-METHOXYETHANE	18471144					5.0													
162	1-1-DIMETHOXYPROPANE	4744109					5.0													
163	~~2,3-DIMETHYLMALEIC ACID~~ SEE NO. 14	~~25743375~~					~~5.0~~	~~4.0~~												
164	ISOPROPYL BENZOATE	939480					5.0													
165	1,1-BIS(4-ETHYLPHENYL)ETHANE	10224916	A		5.0						2.6*				3.9*		2.9*			2.2
166	4-ETHYLSTYRENE	3454077	A		5.0	1.0			3.0*		3.6*				4.9*	4.9	4.1			8.2
167	XSTILBENE (CIS OR TRANS, SEE NO. 411)	588590	A		5.0										1.8*					
168	2-HEPTENYLBENZENE	26447632	A		5.0										2.6*		8.9			
169	X2-METHYLNAPHTHALENE	91576	A		5.0			2.0		-1.4	1.6	8.6	1.7	8.8	4.8	+8.9	2.9	8.2		-8.8
170	XBIPHENYL	92524	A		5.0	1.0			3.0	8.6	2.6		2.7	-8.2	4.3	+2.9	4.8	8.2	-8.8	
171	2-METHYL BIPHENYL	643583	A		5.0						3.6*		1.7		4.3	*				8.2
172	3,4'-DIMETHYL-1,1'-BIPHENYL	7383906	A		5.0															
173	XSTILBENE OXIDE	17619975	A		5.0						1.6*				4.8*		2.9*			1.2
174	1,1-BIS(4-ETHYLPHENYL)ETHANE	1027	A		5.0															
175	XCYCLOPROPYL METHYL KETONE	765435				5.0							3.7			1.9				
176	2-METHYLCYCLOPENTANOL (GEOMETRY UNKNOWN)	24070777				5.0				4.6		3.8			1.1					2.2
177	XMETHYL BUTYLKETONE	591786				5.0				4.6*		2.8*				2.2*		4.8		
~~178~~	~~CARBONIC ACID~~	~~555~~																~~5.0~~		
179	2-HEXANEAMINE	5329793																5.0		
180	2,4-HEXADIEN-1-OL	111284																5.0		

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE VLC	VLX	T2B	T1C	T1X	T1Y	T4C	T4X	M2G	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
181	DIETHYL CARBINOL	584021								1.8*		2.6*	5.8	3.9		3.1		4.3		2.8	
182	XBENZYL ALCOHOL	100516								2.6	3.6	4.6	5.8						1.2		
183	2,3-DIHYDRO-4-METHYLFURAN	34314835								2.6		1.6				4.9		2.5			
184	ETHYLBENZALDEHYDE	53951501	A		4.8	2.2			4.8*		3.6*				4.9*	8.9	3.9*		8.8*		8.8
185	2*,3*-DIMETHYLACETOPHENONE	2142714	A												3.8*		4.9*		1.2◇		
186	3-ETHYLSTYRENE	7525624	A		4.8	2.8					3.7*			8.8	3.5*	4.8	4.8*				8.2
187	ETHYL MYRISTATE	124061	A		4.8				4.8*		1.6*				3.8*	4.8	2.8*		1.2*		8.8
188	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	1008806				2.8			3.8							4.8					
189	2,3-DIMETHYLBENZOIC ACID	603792					4.8						3.7	4.8	1.8	4.9		3.2			
190	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	93765					1.8		3.8-8.4				3.7			4.9					
191	3,4-DIMETHYL-2,5-FURANDIONE	766392								2.6			3.7			4.9					
192	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (T	26137531	a								3.6*	8.6	1.7				4.9*		3.2*		3.2
193	2-HEXANOL	626937												2.8	2.8	4.9				1.8	
194	DIETHYLENE GLYCOL, MONOMETHYL ETHER (C	111900													2.8	4.9	3.9	4.2	8.2		
195	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE	20189428														4.9					
196	2,3-dimethylmaleimide	17825864														4.9					
197	5,6-DIMETHYL-1-INDANONE	16440974														4.9					
198	4A,5,6,7,8,8A-HEXAHYDRO-4A,8A-DIMETHYL-2	13485660														4.9	4.9				
199	XO-CRESOL	95487															4.9				
200	4,4-DIMETHYLDIHYDROFURANONE	13861977									4.9										
201	3-METHYLPENTAN-3-OL	77747		0.0				4.8	3.8				2.7*	4.9				2.2*	2.2		
202	2,5-HEXANEDIONE	110134				1.8	3.8			8.6		2.9		4.9	1.8	3.9		4.2	3.2		
203	TRIPROPYLENE GLYCOL, METHYL ETHER	401								2.6	3.6	4.6		4.9	4.8						
204	TRIPROPYLENE GLYCOL, METHYL ETHER	402								2.6	3.6	4.6		4.9	3.8						
205	VERATRIC ACID	93072			1.8					1.8					4.8			2.2	3.2		
206	X1-METHYLNAPHTHALENE	90120	A		4.8				1.8*		8.6*		1.7	8.8	4.8	8.1	2.9	8.6			
207	(1-NITROPROPYL)BENZENE	5279141			4.8										4.8*						
208	2,5-DIMETHYLBENZALDEHYDE	5779942	A		4.8	1.8			3.8*						4.8	2.9	3.9*		8.2		1.2
209	3-METHYLBIPHENYL	643936	A		1.8										4.8*						
210	2-BUTOXYETHANOL	111762					1.8	3.8		8.6	8.6				4.8		2.1		2.2		
211	ETHYL LAURATE	106332	A						4.8*		1.6*				4.8*	1.9	3.9*		1.2*		
212	2-ETHYL INDAN	56167636	A												4.8*						
213	2,2,5,7-TETRAMETHYL TETRALIN	23342258	A												4.8*						
214	BENZYL METHYL KETONE	103797													4.8		3.9	1.2			
215	PALMITOLEIC ACID	2091294		1.8						2.6*			4.7	4.8			1.9	4.2	2.2		
216	3,5-DIMETHYLBENZOIC ACID	499069			1.8	1.8				2.6		2.6		4.8	2.8*		3.9*	3.2	2.2*		
217	DIISOBUTYL KETONE	108838			2.8									4.8							
218	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	20547993						3.8		2.6	2.7	4.6		4.8	3.8	3.9	3.9	4.2	2.2		
219	2,4,6-TRIMETHYLBENZOIC ACID	480637							2.8	2.6		1.6		4.8		2.9		2.2			
220	5-METHYL-2-HEPTANOL	54630581							4.8					4.8							
221	ORTHO-TOLUIC ACID	118901								2.6		3.6	3.7	4.8		2.9		4.2	3.2		
222	XHYDROCINNAMIC ACID	501528								3.6	2.6		3.7	4.8							
223	3,4-DIMETHYLBENZOIC ACID	619045								3.6				4.8		3.9		3.2			
224	ISO-HEXANOIC ACID	646071										2.6	2.7	4.8	2.8	1.9	1.9				
225	HEXAHYDROBENZOIC ACID	98895										3.6		4.8	2.8				1.2		

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE																			
			VLC	VLK	T2B	T1C	T1K	T1Y	T+CY	T+KY	M2C	M2K	P2C	P2K	G2C	G2K	S2C	S2K	X1C	X1K
226	X2-PHENYLISOPROPANOL	617947								3.6	4.7	4.8	3.8							
227	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	20324327									2.7	4.8								
228	4-METHYLHEXANOIC ACID	1561111										4.8			8.9		2.2			
229	3-METHYLPENTANAL	15877573										4.8								
230	~~ISOBUTYLCYCLOHEXANE~~	~~1678984~~										4.8								
231	2,2-DIMETHYL-1-PENTANOL	2370129										4.8								
232	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	55956224										4.8					-8.8			
233	1-(ETHENYLOXY)HEXANE	5363644										4.8								
234	FENCHYL ALCOHOL	1632731										4.8			2.9		4.2			
235	XMENTHOL	89781										4.8								
236	1-(TRIMETHYLOXIRANYL)ETHANONE	15128997										4.8								
237	XENDO-BORNEOL	507700										4.8								
238	1,2 3,5-BIS-O-(1-METHYLETHYLIDENE)-ALPHA	20881043										4.8								
239	4-NONANOL	5932796										4.8								
240	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL	55332020										4.8								
241	PHTHALIDE	87412										4.8								
242	NONADECANOL	52783434										4.8					2.8			
243	TRIPROPYLENE GLYCOL, METHYL ETHER	484										4.8								
244	5,5-DIMETHYLDIHYDROFURANONE	3123975										4.8								
245	X+BIS(2-ETHYLHEXYL) PHTHALATE	117817	2.6					2.6				2.8			2.9		4.8	3.2		
246	ANISIC ACID	108094		0.0		3.8		4.8*		4.6*	4.7	4.1*	2.8*	3.9*	4.8*					3.2
247	N-BUTYLBENZENESULFONAMIDE	3622842		-1.8		2.8	4.8	3.6	3.6		4.7	3.8	2.8*		2.9*	2.2				
248	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4	17892921				3.8					4.7	3.8								
249	1,3-DICHLORO-2-METHYLBUTANE (A DICHLO	23818873						3.6			4.7	3.8	3.8				3.2			
250	DIPROPYLENE GLYCOL, METHYL ETHER	426						1.6		4.6	4.7	1.6					8.2	2.2		
251	5,5-DIMETHYL-2-FURANONE	20819641						1.7	3.8	3.7	4.7	2.8	3.8							
252	XTCA (TRICHLOROACETIC ACID)	76839						2.6		4.6	4.7						3.2			
253	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNO	711									4.7						4.2			
254	PIVALIC ACID	75989									4.7									
255	3-CHLOROCYCLOPENTENE	96482									4.7	2.8					4.2			
256	6-(ACETYLOXY)-2-HEXANONE	4305264									4.7									
257	6,7-DODECANEDIONE	13757989									4.7									
258	DIETHYL PENTYL PHOSPHATE	28195088									4.7						-8.8			
259	7-TRIDECANONE	462180									4.7						4.2			
260	XLAURYL ALCOHOL	112538									4.7									
261	N,N,4-TRIMETHYLBENZENESULFONAMIDE	999699									4.7	2.8					3.2	2.8		2.2
262	ISOPROPYL HYDROPEROXIDE	3031752									4.7									
263	DIISOOCTYLPHTHALATE	27554263									4.7									
264	3,4-EPOXY-2-HEXANONE	17257817	2.8						4.7											
265	X+DIHEXYL PHTHALATE	84753	0.0							4.8*							2.8*	2.8*		
266	X1,4-DIOXANE	123911								4.6										
267	LEVULINIC ACID	123762			3.8*					4.6*	3.7*				1.9*	1.9*				4.8
268	1-HEPTEN-4-OL	3521913			2.8	4.8	3.8	3.6		4.6	2.7	2.8	2.8	2.8	2.9	2.9	3.2	4.2		
269	2-METHYL-1-PENTEN-3-OL	2088075				3.8				4.6							3.2			
270	N,N-DIETHYL FORMAMIDE	617845				4.8				4.6							4.2			
								2.6	2.6	4.6					8.9		3.2	1.2		

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE
271	2-METHYL-2-HEPTANOL	625252		8.6 4.6
272	3,5-DIMETHOXYPHENOL	500992		
273	%AMOBARBITAL	57432		
274	%PENTABARBITAL	76744		
275	TRANS-9-HEXADECENOIC ACID	373499		
276	PETROSELINIC ACID	593395		
277	%CYCLOHEXYL BROMIDE	108858		
278	5-METHYL-3-HEXANOL	623552		
279	2-METHYL-2-BUTEN-1-OL	4675870		
280	5-ETHYL-2-HEPTANOL	19780406		
281	3-METHOXY-1,3,4-HEXATRIENE	53783683		
282	2-METHYL-2-ISOBUTYLOXIRANE	53897317		
283	1-METHYLHEXYLHYDROPEROXIDE	762469		
284	2-BUTYL-3-METHYLOXIRANE	14925963		
285	2-METHOXY-4-METHYL-2-PENTENOIC ACID, MET	56809360		
286	2,3,4-TRIMETHYL-3-PENTANOL	3054928		
287	1-ISOCYANONAPHTHALENE	1984049		
288	N-TERT-BUTYL-3-METHYLBENZAMIDE	42498339		
289	4,5-DIETHYL-2,3-DIHYDRO-2,3-DIMETHYLFURA	54244892		
290	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE	5463503		
291	2,5-DIMETHYL-2-HEXANOL	3738607		
292	%+BUTYL BENZYL PHTHALATE	85687		
293	PROPYLOXIRANE	1083141		
294	%CYCLOHEXYL ACETATE	622457		
295	%(ETHOXYMETHYL)OXIRANE	4016119		
296	4-HEPTANONE	123193		
297	PHENOXY ACETIC ACID	122598		
298	%ETHOSUXIMIDE	77678		
299	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1009		
300	4,6-DIMETHYL OCTANOIC ACID	2553960		
301	O-CRESYL ACETATE	533186		
302	3-HYDROXYNONANOIC ACID	33796871		
303	%2,4-DIMETHOXYBENZOIC ACID	91521		
304	P-ETHYLBENZOIC ACID	619647	A	
305	1,1-DIPHENYLETHANE	612088	A	4.2
306	METHYL AMYL CARBINOL	543497		1.8
307	%ETHYL CARBONATE	105588		
308	5-METHYL HEXANOIC ACID	628466		
309	2-BUTYL THF	1004291		
310	4,5-DIMETHYL-2-HEPTEN-3-OL	55956371		
311	5-METHYL-2-HEPTANONE	18217124		
312	1,3,3,7-TETRAMETHYL-2-OXABICYCLO[2.2.1]H	19404576		
313	BUTYL ISOBUTYRATE	97870		
314	2-ETHYLCYCLOHEXANONE	4423943		
315	DIETHYLENE GLYCOL, METHYL ETHYL DIETHER	1002671		

	VLC	VLK	TZB	TLC	TLK	TLY	TAC	TAK	NZC	NEC	PEC	PZK	OZC	OZK	SZC	SZK	XLC	XLK
271								4.6										
272								4.6										
273								4.6							1.2			
274								4.6										
275								4.6										
276								4.6										
277								4.6							3.2			
278								4.6										
279								4.6			1.8				8.2	2.2		
280								4.6								1.2		
281								4.6			3.8				2.2			
282								4.6										
283								4.6										
284								4.6										
285								4.6										
286								4.6										
287								4.6	3.7									
288								4.6										
289								4.6										
290								4.6										
291								4.6										
292								4.6										
293								4.6	3.7									
294								4.6										
295								4.6	8.7	8.8					1.2			
296								4.6										
297			4.6*															
298		4.8					4.6						2.9*	8.9*	1.2*		4.8*	
299			3.8		2.6	4.6												
300			4.8	4.8		4.6	2.6				1.8	2.9	3.9		3.9	3.2		
301					4.5											4.2		
302					3.6	4.6												
303					4.6													
304						4.6												
305	A					4.6*										2.2		
306	A	4.2				3.7*		1.7			8.8*	8.1-8.5*				2.2*		
307		1.8								3.8*					4.2*		4.8	
308				3.8						3.8					4.2			
309				2.8				2.7	3.8		2.9				4.2			
310					-1.4		2.6								4.2	2.2		
311							1.6								4.2			
312							3.6								4.2			
313										3.8					4.2			
314										2.8					4.2			
315												3.9			4.2			
															4.2			

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
316	2-METHYLHEPTANOIC ACID	1188029																4.2			
317	1,6-HEXANEDIOL	629118																4.2			
318	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN	34314846																4.2			
319	CYCLOHEXANEHEXANOL	4354589																4.2			
320	~~2,5-DIMETHYLHEXANE~~	~~592132~~																~~4.2~~			
321	2,2,5,5-TETRAMETHYL THF	15045439																4.2			
322	X4(1H)-PYRIMIDINONE	4562278																4.2			
323	3,5-NONADIEN-7-YL-2-OL	43142434																4.2			
324	4,4,5,5-TETRAMETHYL-1,3-DIOXOLAN-2-ONE	19424294																4.2			
325	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	13747734																4.2			
326	OXACYCLOTETRADECAN-2-ONE	1725048																4.2			
327	1,1-DICHLORO-2-HEXANONE	2648591																4.2			
328	4,4-DICHLORO-3-HEXANONE	2648604																4.2			
329	DIHYDRO-5-METHYL-2(3H)-FURANONE	108292																4.2			
330	C3-DIHYDROXYBENZOIC ACID	1016																4.2			
331	4-BUTOXYBUTYRIC ACID	55724737																	4.2		
332	X$1,2-DICHLOROETHANE	107062					3.8		2.8										4.2		
333	PENTAETHYLBENZENE	605016			4.1												4.1				
334	O-ETHYLBENZOIC ACID	28134318	A		3.8				4.8*		3.6*										1.8
335	X+$DICHLOROETHYL ETHER	111444			-1.8				4.8						8.8*		-8.1*				
336	XETHYL BENZOATE	93890	A		4.8	1.8			4.8*						1.8*	1.9					1.2
337	ETHYL PENTADECANOATE	41114005	A		2.8				4.8*		1.6*				2.8*		1.9*				
338	ETHYL STEARATE	111615	A		2.8	1.8			4.8*		1.6*				2.8*		2.9*				
339	ANTEISOPENTADECANOIC ACID	5502943				1.8			4.8												8.2
340	X*+$P-DICHLOROBENZENE	106467				1.8	1.8		4.8-8.4		1.6	3.7-8.2					-8.8	2.2			
341	DIHEXYLADIPATE	110388				1.8			4.8												
342	METHYL LAURATE	111820	a			3.8			4.8*												
343	METHYL-2,4-DIMETHYL BENZOATE	23617712	a			2.8			4.8*												
344	2,3-DICHLOROANILINE	608275					3.8		4.8		1.6		1.8				1.2				
345	X$DIMETHYL PHTHALATE	131113					4.8		4.8												
346	XBENZYL CYANIDE	140294					2.8		4.8		1.6	3.7	3.8				1.2				
347	3-HEPTANOL	589822						3.8	4.8									-8.8			
348	1-CHLORO-2-METHYL-2-BUTENE	13417431							4.8												
349	NEOPENTYL CHLORIDE	753899							4.8		1.6										
350	1-BROMO-4-ETHYLBENZENE	1585075							4.8												
351	2,4,5-TRICHLOROANILINE	636386							4.8								1.2				
352	*PENTACHLOROANILINE	527208							4.8												
353	1,2,2,3-TETEACHLOROPROPANE	13116535							4.8	1.6											
354	X*+$1,2,4-TRICHLOROBENZENE	120821							4.8		1.6		-8.2				-8.8	2.2			
355	2,4-DICHLORO-1-NITROBENZENE	611063							4.8								8.2				
356	+XLINDANE (BETA ISOMER)	319857							4.8			2.7									
357	X*PENTACHLORONITROBENZENE	82688							4.8												
358	DIMETHYL AZELATE	1732101							4.8												
359	4-TERT-BUTYL-2-METHYLPHENOL	98271							4.8-8.4								3.9	2.2			
360	4-METHYLPHENYLSULFONYL ACETIC ACID, METH	50397643							4.8												

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE V1C V1X T2B T1C T1X T1V T1C T1X M2C M2C P2C P2X G2C G2X S2C S2X X1C X1X
361	4-METHYL-1-PHTHALAZINONE	5004408		4.0
362	2-METHYL-2-PENTANOL	590363		4.0 3.6 3.7 0.9 2.2
363	XCAMPHOR	76222		4.0 2.2
364	2-KETOISOCAPROIC ACID	816660		4.0
365	PENTYLENETETRAZOLE	54955		4.0 2.6 0.8
366	SUCCINIC ACID, DIMETHYL ESTER	106650		4.0 2.9
367	XDIETHYL SUCCINATE	123251		4.0
368	2,2-DIMETHYLGLUTARIC ACID	601572		4.0
369	1-(METHYLPHENYL)ETHANONE	26444199	A	4.0* 1.6* 1.9*
370	METHYLSULFONYL BENZENE	3112654		4.0
371	ALLYL-1,3-DIOXANE	4528261		4.0
372	METHYL CAPROATE	106707		4.0
373	METHYLCAPRYLATE	111115		4.0
374	METHYL PELARGONATE	1731846		4.0
375	ETHYLMONENOATE	35194399		4.0
376	METHYL CAPRATE	110429		4.0
377	BENZONITRILE	100470		4.0
378	PHENYLPROPIONIC ACID,METHYL ESTER	103253		4.0 1.8
379	2,4,5-TRICHLOROPHENOXY ACETIC ACID, METH	35389448		4.0
380	2,2-DIMETHYL-3-PENTANOL	3978625		4.0
381	(1-ETHOXYETHYL)BENZENE	3299856	A	4.0* 3.9* -0.8
382	1,2-DIMETHYL-4-NITROBENZENE	99514		4.0
383	METHYL HEPTADECANOATE (METHYL MARGARAT	1731926		4.0
384	1-(2-BUTOXYETHOXY) ETHANOL	54446785		2.8 4.0 -0.4 1.8 3.9 2.2 1.2*
385	2-HEXENOIC ACID	1191044		4.0 4.0 3.0 1.8
386	METHYL N-AMYL KETONE	110430		4.0 -1.4 3.6 3.7 1.2
387	XDALAPON	75990		4.0 3.8 2.6 3.2 3.2
388	HENEICOSANIC ACID	2363715		4.0
389	HEPTYL ALCOHOL	111706		4.0 1.6
390	XBIS(2-ETHYLHEXYL) ADIPATE	103231		3.1 4.0* 3.6*2.7* 3.9*3.9*
391	ADIPIC ACID, DIHEXYL ESTER	110338		3.8 4.0 4.0*2.8* 2.9*
392	6-UNDECANOL	23786567		4.0 3.8 2.8 -0.8
393	P-ISOPROPYL BENZOIC ACID	536663		4.0 2.6 1.8 3.2
394	4,4-DICHLOROBUTENOIC ACID	16582886		4.0 2.6 3.8 1.8 3.2
395	XANTHRANILIC ACID	118923		4.0
396	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID	38316144		4.0
397	2-(2-HYDROXYPROPOXY)-1-PROPANOL (A DIPRO	106627		4.0 0.6 3.6
398	2-PHENOXYETHANOL	122996		4.0
399	CYCLIC TETRAMETHYLENE ADIPATE	777957		4.0 3.6
400	1-CYCLOPENTYLETHANONE	6004600		4.0
401	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE	54063162		4.0 1.9 3.5
402	N,N'-DIMETHYLUREA	96311		4.0
403	DIPHENYLMETHANE	101815	A	4.0 2.6* 2.1* 2.9*
404	1,2-DIHYDRONAPHTHALENE	447530	A	4.0 2.8* 3.9*
405	TETRAETHYLBENZENE	33637206	A	4.0 2.6* 3.8* 2.9* 1.2

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT (PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE
486	1-ETHYLNAPHTHALENE	1127768	A	4.8
487	1-METHYL-7-ISOPROPYL NAPHTHALENE	490653	A	4.8
488	X3-METHYLPHENANTHRENE	832713	A	4.8
489	1-PHENYL TETRALIN	3018200	A	4.8
410	1,1-BIS(O-ETHYLPHENYL)ETHANE	1023	A	4.8
411	XSTILBENE (TRANS OR CIS, SEE NO. 167)	103380		4.8
412	2-PHENYL TETRALIN	29422137	A	4.8
413	3-ETHYLACETOPHENONE	22699703	A	4.8
414	2-(ETHYLPHENYL)PROPYL METHYL ETHER	667		4.8
415	XETHYLENE TETRACHLORIDE	127184		
416	SETHYLBENZENE	1 0414		
417	XSP-XYLENE	106423		
418	(1,4-CYCLOHEXADIEN-1-YL)BENZENE	13703521		
419	DIACETONE ALCOHOL	123422		
420	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXAL	432257		
421	TRIETHYLENE GLYCOL METHYL ETHER	112356		
422	9-KETOCAPRIC ACID	1422268	-1.8	
423	X**SPENTACHLOROPHENOL	87865	0.0	
424	1,3,5-TRIETHYLBENZENE	102250		3.8
425	2,6-DIMETHYL DECALIN	1618220		
426	XBUTROLACTONE	96480		3.8
427	X*2,4-DICHLOROPHENOXYACETIC ACID, (2,4-DI	94757		
428	1,1,3-TRICHLORO-1-PROPENE	2967148		
429	SEBACIC ACID	111286		
430	2,6-DIMETHYL ACETOPHENONE	2142769	a	
431	2,4,5-TRIMETHYLBENZOIC ACID	928905		
432	3-HYDROXYTETRADECANOIC ACID	1961724		
433	O-ANISIC ACID	579759		
434	3-OCTEN-2-ONE	1669449		
435	DIOCTYL SEBACATE	122623		
436	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-	41654277		
437	PIPERIDINONE	27154434		
438	TETRAHYDRO-2-METHYL-2-FURANOL	7326467		
439	XSUCCINIC ACID	110156		
440	2-ETHOXYNAPHTHALENE	93185		
441	XN-DECYL ALCOHOL	112301		
442	1,2,4-TRIETHYLBENZENE	877441	a	3.8
443	TETRALIN	119642	A	3.8 1.8
444	DIVINYLBENZENE	1321740	A	2.8
445	P-ETHYLBENZALDEHYDE	4748781	A	2.8
446	2P-METHYLACETOPHENONE	577162	A	1.8
447	1-METHYL TETRALIN	1959815	A	2.8
448	1,1-DIMETHYL INDAN-4-CARBOXYLIC ACID, ET	95991123	A	1.8
449	2-ACETYLOXYACETOPHENONE	2243358	a	
450	3-METHYL-2-CYCLOHEXEN-1-ONE	1193166		

	VLC	VLK	T2B	T1C	T1K	T1Y	T4C	T4K	H2C	H2K	P2C	P2K	O2C	O2K	S2C	S2K	X1C	X1K
1127768		4.8										3.8*		1.9*				
490653		4.8																
832713		4.8																
3018200		4.8										1.8*						
1023		4.8					8.6*					2.8*		1.9*			8.2	
103380		4.8																
29422137		4.8										3.8*		1.9*			-8.8	
22699703		4.8					8.6*					2.8*		1.9*			1.2	
667		4.8					2.8*							3.9*				
127184			4.8			2.8												
1 0414			2.8			1.8*											2.2	
106423			3.8		3.3*							1.8*		2.8*2.2*4.8				
13703521												1.9		1.2 2.2 4.8				
123422																4.8		
432257									4.8	3.8				2.8		3.8		
112356												3.8						
1422268											3.8							
87865				1.8		2.8	1.8*			3.7		1.8*3.8						
102250		3.8										-8.2 3.8		1.8*				
1618220			1.8				2.8*					3.8*2.8		3.8*			-8.8	
96480			3.8									3.8						
94757				1.8		3.8	2.8			3.7		3.8						
2967148				2.8			8.8					3.8	2.8					
111286								3.8	3.8	3.7	3.8	3.8		1.2 2.2				
2142769	a						2.8				2.8		3.8					
928905							1.8*						3.8*					
1961724						2.8				3.8		3.8		3.2				
579759									3.7			3.8						
1669449										3.8	1.8	3.8	2.8					
122623										2.8		3.8						
41654277										2.8		3.8						
27154434												3.8	8.8		2.2			
7326467												3.8						
110156												3.8						
93185													3.8					
112301													3.8					
877441	a	3.8								3.8				1.9 2.2				
119642	A	3.8	1.8			2.8*	2.8*					3.8*1.8	2.8*				-8.8	
1321740	A	2.8					1.8*			1.7-8.2		3.8*1.8	2.8*8.8					
4748781	A	2.8					1.8*					3.8*1.8						
577162	A	1.8					3.8*					3.8*2.8			-8.8*			
1959815	A	2.8								2.7		3.8*		1.8				
95991123	A	1.8					1.8*			-8.2		3.8*			-8.8			
2243358	a		2.8									3.8*		2.8*			3.2	
1193166				2.3		2.8				8.8		3.8*						
												3.8		1.8 2.2 2.2				

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
451	2',4'-DIMETHYLACETOPHENONE	99747	A						3.8*			3.6			3.8*		2.5*		0.5*		
452	%2-ETHYL NAPHTHALENE	939275	A								1.6*				3.8*		2.9*				0.2
453	3-METHYL VALERIC ACID	105431										3.6		2.8	3.8	0.9	2.9				
454	2-METHYL INDAN	824635	A										1.7		3.8	*1.3					
455	2,2-DIMETHYL-3,5-DECADIYNE	55682730													3.8						
456	5-METHYL INDAN	874351	A												3.8*			-0.8			
457	2,5-CYCLOHEXADIENYLBENZENE	4794052													3.8						
458	ALPHA-METHYLSTILBENE	833818	A												3.8*						
459	2,3,4,5,6-PENTAFLUORO-N-(2-PHENYLETHYL)B	38842147													3.8						
460	4,4'-DIETHYLBIBENZYL	57364791	A												3.8*						
461	DIPROPYLENE GLYCOL METHYL ETHER (1-(2-	13429077													3.8						
462	3-PROPYLCYCLOPENTENE	34867759													3.8						
463	2-MENDECANOL	1653301													3.8		1.9				
464	1-UNDECANOL	112425													3.8			2.2			
465	HEXYL BENZOATE	6789884													3.8						
466	PENTYL BENZOATE	2049969													3.8						
467	BENZOTHIAZOLE	95169		1.8			3.8*		3.8	2.8*				3.8*				3.2*			
468	%*4P-CHLOROPHENOL	106489				2.8			3.8	2.8				3.8		1.9					
469	4-METHYLPHTHALIC ACID	4316238						2.8					3.7	3.8					1.2		
470	%2-NAPHTHOIC ACID	93094								1.6			2.7	3.8				2.2			
471	%**2,4-DICHLOROPHENOL	120832								-0.4			2.7	3.8							
472	1,2,3,3-TETRACHLORO-1-PROPENE	28569859								-1.4		3.6		3.8				2.2			
473	1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLOC	470677								1.6			3.7	3.8							
474	%CAFFEINE	58082								3.7	2.8		3.7	3.8							
475	2-METHYL VALERIC ACID	97610										1.6	1.7	3.8	1.8	0.9	0.9				
476	1-(4,5-DIETHYL-2-METHYL-1-CYCLOPENTEN-1-	62338243										3.6		3.8							
477	FENCHONE	1195795											3.7	3.8							
478	3-OCTENOIC ACID	1577191												3.8							
479	1-PHENYLBUTYRIC ACID	1821121												3.8							
480	2-HYDROXYTETRADECANOIC ACID	2507553												3.8							
481	3-METHYLPHTHALIC ACID	37102742												3.8							
482	4-METHYL-3-PENTENAL	5362585												3.8							
483	%CINEOLE	470826												3.8							
484	3-ETHOXY-3-METHYL-2-BUTANONE	36667997												3.8							
485	ISOPROPENYLBENZENE	98839												3.8							
486	6-METHOXY-2-HEXANONE	29006086												3.8							
487	2,4-HEPTANEDIONE	7307820												3.8							
488	2-CYCLOOCTYL-2-PROPANOL	16624869												3.8							
489	METHYL 2,2,3-TRIMETHYLCYCLOPENTYL KETONE	17983221												3.8							
490	THIOHEXANOIC ACID, S-BUTYL ESTER	2432793												3.8							
491	3-ETHOXY-3-METHYL-1-BUTYNE	7740694												3.8		2.9		3.2			
492	5-(PENTYLOXY)-2-PENTENE	56052858												3.8		1.9					
493	2-ETHYL-3-METHYLOXETANE	53778624												3.8							
494	2-METHYL-2-PROPYL-1,3-DIOXOLANE	4352981												3.8							
495	2-ETHYL-1,3,2-DIOXABOROLANE	18173383												3.8							

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2G	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
496	BORNYL 2,5-DIKETONE	4238324											3.8							
497	7,7-DIMETHYL-11-DODECEN-2-ONE	35194228											3.8							
498	METHYL 9-OXODECANOATE	2575077											3.8							
499	CYCLOOCTANEPROPANOL	16782382											3.8							
500	CYCLOHEXYL METHYL KETONE	823767											3.8			8.9				
501	P-ISOPROPYLBENZALDEHYDE(CUMINALDEHYDE	122032											3.8		2.9		8.2			
502	2,3 5,6-DI-O-ISOPROPYLIDENE-ALPHA-D-TALO	23262784											3.8							
503	1-TERT-BUTYL-4-ETHOXYBENZENE	17269942											3.8							
504	5-METHYL-1(3H)-ISOBENZOFURANONE	54120648											3.8				3.2			
505	9-OCTADECENAL	5090415											3.8							
506	4-METHYL-3-HEPTEN-2-ONE	22319251											3.8				2.2			
507	6-METHOXY-2-METHYL-3-HEXANONE	17429059											3.8							
508	2,6-DIMETHYL-3-HEPTANOL	19549736											3.8							
509	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55956213											3.8							
510	AMYL BUTYL PHTHALATE	1018											3.8							
511	2-ETHYL-2-ISOBUTYL-1,3-DIOXOLANE	935455											3.8							
512	ELAIDIC ACID	112798	2.8		1.8							3.7*					3.2	*1.2		
513	P-(1-HYDROXY-1-METHYLETHYL)ACETOPHENONE	54549723	0.0									3.7					2.2			
514	XP-CHLOROBENZOIC ACID	74113		3.8				3.8				3.7	2.8							
515	3,4-DICHLOROBENZOIC ACID	51445		0.0				3.8				3.7					2.2			
516	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379				2.8		3.6		1.8	3.6	3.7	2.8	2.8	1.9	1.9	2.2	8.2		
517	2,3-DIMETHYLBUTYRIC ACID	14287617						2.8		3.6	2.6	3.7	1.8	2.8	1.9	1.9	3.2	2.2		
518	DICHLOROISOPROPYL ETHER	108601						1.8				3.7								
519	PENTACHLOROCYCLOPROPANE	6262517								1.6		3.7								
520	2,3-OCTANEDIONE	585251								2.6	2.6	3.7				1.9		-8.8		
521	~~1-ETHYL-3,3-DIMETHYLCYCLOHEXANE~~	~~7058051~~								0.6		3.7								
522	BUTYL BENZOATE	136607																		
523	2-PHENYLBUTYRIC ACID	90277									2.6	3.7	8.8							
524	3-METHOXYBENZOIC ACID	586389										3.7								
525	2,6-DICHLOROBENZOIC ACID	50793										3.7	1.8							
526	UNDECANEDIOIC ACID	1852846										3.7								
527	XCHLOROBROMOMETHANE	74975										3.7		2.8		2.9				
528	TRICHLOROPHENOXYACETIC ACID (ISOMER UNKN	713										3.7								
529	3-BROMO-1,1-DICHLOROPROPANE	36668458										3.7								
530	XTERT-PENTYL ALCOHOL	75854										3.7								
531	5-METHYLHEXANOL	1860395										3.7								
532	CIS-3,4,4-TRIMETHYL-5-OXO-2-HEXENOIC ACI	14919541										3.7				2.9				
533	ETHYLENE GLYCOL, MONOMETHYL ETHER	109864										3.7								3.2
534	4-ISOPROPYLCYCLOHEXANOL	4621049										3.7								
535	4-METHYL-3-HEPTANOL	14979396										3.7								
536	SEC-BUTYLISOPROPYL ETHER	18641811										3.7								
537	X2-PROPENYL HEXANOATE	123682										3.7								
538	CYCLOPENTANONE	120923										3.7								
539	VINYL BUTYRATE	123206										3.7								
540	TETRAHYDRO-5-METHYL-2-FURANMETHANOL	54774286										3.7					2.2			

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE																	
			V1C	V1X	T2B	T1C	T1X	T1V	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
541	OCTAHYDRO-2,2,4,4,7,7-HEXAMETHYL-1H-INDE	54832836										3.7								
542	OCTYL ACRYLATE	2499594										3.7					3.2			
543	XN-METHYL-2-PYROLIDONE	872504					1.8		3.7	3.6										
544	4-KETOISOHEPTANOIC ACID	41654048		1.8		3.8	3.8		2.6	3.6*	3.6	2.7		2.8*		2.9*	2.2	3.2*		
545	3-METHYL-4-PENTEN-2-ONE	758872				5.8					3.6							2.2		
546	2-METHYL-2-PROPYLHEXANOIC ACID	31888372						2.8			3.6									
547	3,3-DIMETHYLBUTYRIC ACID	1870833								3.6	3.6	2.7	2.8	1.8			3.2			
548	CHRYSANTHEMIC ACID	18453891									3.6									
549	CIS-1,3-DICHLOROCYCLOHEXANE	24955633									3.6									
550	3,4-DIHYDRO-6-METHYL-2H-PYRAN	16015115									3.6									
551	5-METHOXY-2-METHYL-2-PENTANOL	55724044									3.6									8.2
552	2-VINYLCROTONALDEHYDE	20521428									3.6		2.8							
553	(1-METHYLBUTYL)OXIRANE	53229393									3.6				1.9					
554	2-HYDROXYCYCLOHEXANONE	533608									3.6								3.8	
555	5-METHYL-1-HEXANOL	627985									3.6									
556	2-T-BUTYL-2-METHYL-1,3-DIOXOLANE	6135542									3.6									
557	3-CHLORO-2-CYCLOPENTEN-1-ONE	53102140									3.6									
558	4,6,6-TRIMETHYLTETRAHYDRO-2-PYRANONE	28628368									3.6				1.9					
559	3,7-OCTADIEN-2-ONE	25172069									3.6									
560	2-HEPTENOL	33467764									3.6									
561	2-BUTOXYPENTANE	62238022									3.6									
562	ALPHA-ACETYLBUTYROLACTONE (GAMMA LACTONE	517237									3.6									
563	2-OCTEN-1-OL	18409171									3.6									
564	CHLOROACETONITRILE	107142									3.6									
565	XTERPIN	80535									3.6									
566	2-METHYLENEBUTYRIC ACID	3586581			3.6	2.8			0.6					2.8						
567	XETHYLENE GLYCOL MONOETHYL ETHER; (OXITOL	110805					1.8		3.6					1.8	1.9	2.9		2.2		
568	3,6-DIMETHYLOCTANOIC ACID (AN ISODECANOI	4812297						3.6								8.9				
569	3-METHYL-4-PHENYLBUTYRIC ACID	7315686						3.6												
570	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE C	3658842						3.6												
571	1,3-DIMETHYL-2-(2-ISOPROPYLPHENYL)ETHYLC	6088						3.6												
572	X7-OXABICYCLO(4.1.0)HEPTANE	286284						3.6			2.6									
573	X PYRIDINE	110861						8.6	3.6											
574	X1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	123331							3.6											
575	3-HYDROXYOCTANOIC ACID	14292274							3.6											
576	3,4-DIHYDROXYBENZALDEHYDE	8697							3.6											
577	2,3-DICHLOROACRYLIC ACID	8896							3.6											
578	5-OXO-HEXANOIC ACID	3128061							3.6											
579	2-(HYDROXYMETHYL)BENZOIC ACID	612204							3.6							1.9				
580	~~ACETIC ACID~~	~~64197~~							3.6									8.2		
581	TRIPROPYLENE GLYCOL, METHYL ETHER	20324338							3.6											
582	X*ANILINE	62533							3.6											
583	X2,2,2-TRICHLOROETHANOL	115208							3.6											
584	4-ACETYLMORPHOLINE	1696204															3.3			
585	2-METHYLPHENYLPROPANOIC ACID	22884095		-1.8		3.3														
																	3.2			

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE																
				VLC	VLX	T2B	T1C	T1X	T1V	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
586	XTERT-BUTANOL	75650			2.9													3.2			
587	2-METHOXY-3-METHYL-2-PENTENOIC ACID	1888					3.8	3.8	3.8		2.6				1.5		2.9		3.2		
588	O-CHLOROBENZOIC ACID	118912							3.8						2.8			3.2	2.2		
589	2,5-DIMETHYLBENZOIC ACID	610720								2.6				1.8	0.8	2.9	2.9	3.2			
590	3-METHYL-2-CYCLOPENTEN-1-ONE	2758181								2.6	1.7		2.7				1.9	3.2			
591	2,4-DIMETHYL-4-HEPTANOL	19549770										1.6						3.2			
592	5-EPIDEOXYPODOCARPIC ACID	57345309											1.7			2.9		3.2			
593	2-METHYLCAPROIC ACID	4536236												0.8				3.2			
594	2,3,4,5,5-PENTACHLORO-2,4-PENTADIENOIC A	5659416												1.8				3.2	2.2		
595	2-METHYL-2-HEPTEN-4-ONE	22319248															0.9	3.2			
596	X2-ACETYLFURAN	1192627															0.9	3.2	1.2		
597	4-AMINO-3,5-DICHLOROBENZOIC ACID	56961252																3.2			
598	4-ETHYLHEXANOIC ACID	6299667																3.2			
599	XANIBEN	133904																3.2			
600	VACCENIC ACID	693721																3.2			
601	ETHYL ISOBUTYL KETONE	623563																3.2			
602	XMETHYLAL	109875																3.2			
603	3-METHYL-2-HEXANOL	2313657																3.2			
604	1-METHYL-4-METHYLENESUBERANE	23799259																3.2			
605	2,4-DIMETHYL-2-PENTENE	625658																3.2			
606	ACETYL ISOBUTYRYL	7493585																3.2			
607	~~DECALIN~~	~~493016~~																3.2			
608	1,2-DIMETHYLCYCLOHEXENE	1674108																~~3.2~~			
609	~~PENTYL TRIMETHYLENE~~	~~3614013~~																3.2			
610	4-METHOXY-1-BUTANOL	111328																~~3.2~~			
611	3,4-EPOXY-3-ETHYL-2-BUTANONE	17257828																3.2			
612	~~2,7-DIMETHYLOCTANE~~	~~1072168~~																3.2			
613	3,4-DIHYDRO-2,5-DIMETHYL-2H-PYRAN-2-CARB	1920214																~~3.2~~			
614	~~1,1,3-TRIMETHYLCYCLOHEXANE~~	~~3073663~~																3.2			
615	2-BUTYL-N-BUTYRATE	819976																~~3.2~~			
616	N-BENZOYLGLYCINE, METHYL ESTER	1205089																3.2			
617	CUMENE ISOPROPYL ETHER	24142776																3.2			
618	1,3-DIMETHOXY-2-PROPANOL	623698																3.2			
619	2-ISOPROPYL-1,3-DIOXOLANE	822633																3.2			
620	1-OXIRANYLETHANONE	4401110																3.2			
621	6,6-DIMETHYL-3,4-UNDECADIENE-2,10-DIONE	52586780																3.2			
622	TEREPHTHALIC ACID	100210																3.2			
623	3-METHOXY-2-METHYL-2-PENTENOIC ACID	1014																	3.2		
624	3-METHOXY-1,2-BENZISOTHIAZOLE	40991386																	3.2		
625	~~DIMETHYL SULFATE~~	~~77781~~																	3.2		
626	1-METHYL-4-(1-METHYL-2-BUTENYL)NAPHTHALE	38171978																	~~3.2~~		
627	CYCLOPENTYL BROMIDE	137439																	3.2		
628	2,2-DICHLORO-3-METHYLBUTANE	17773669																	3.2		
629	SYM-DIPHENYLETHANE (BIBENZYL)	103297	A		1.8														3.2		
630	3-HYDROXY-3-METHYL-2-BUTANONE	115220						3.8	0.6	1.8	2.6		0.8	3.1	2.1	1.9*	0.9	2.5	0.2		3.2

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(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE															
			V1C	V1K	T2B	T1C	T1K	T1Y	T4CT	T4XT	N2C	N2K	P2C	P2K	O2C	O2K	S2C	S2K	X1C	X1K
	METHYL PENTADECANOATE	7132641	1.8		1.8			3.8*												
	METHYL PALMITATE	112390	2.8		2.8		2.8	3.8*	-8.4*					2.8*				8.2*		
	METHYL ISOPALMITATE	5129602	0.0					3.8												
	DIBENZOFURAN (DIPHENYLENE OXIDE)	132649				1.8		3.8					-8.2							
	2,2-DICHLOROBUTYRIC ACID	13023882					2.8	3.8								8.9		2.2		
	2-ETHYLHEPTANOIC ACID	3274291						3.8												
	M-CHLOROBENZOIC ACID	535808						3.8	2.6											
	4-CHLOROPHENYL ACETATE	876277						3.8		2.6										
	2,3,4,6-TETRACHLOROPHENOL	938227						3.8												
X	CHLOROBENZENE	108907						3.8	-8.4			8.7				-8.8				
	1-CHLORO-2-ETHYLBENZENE	89963						3.8												
	PERCHLOROETHANE	67721						3.8					8.8							
	1-BROMO-2-ETHYLBENZENE	1973224						3.8												
	CHLOROVINYLBENZENE	622253						3.8								-8.8		8.2		
$	1,2,3-TRICHLOROBENZENE	87616						3.8												
	3,5-DIBROMOTOLUENE	1611923						3.8												
	(1,2-DICHLOROETHYL)BENZENE	1074119						3.8												
X	M-CHLORONITROBENZENE	121733						3.8				2.7								
*	2,4-DICHLORONAPHTHALENE	2198756						3.8												
	CYCLOPENTENE	142290						3.8												
X+$	M-DICHLOROBENZENE	541731						3.8										2.2		
X*+$	NITROBENZENE	98953						3.8				-8.2								
	1-CHLOROTRICYCLO(4.3.1.13.8)UNDECANE	27011467						3.8	-1.4											
	DECAMETHYLCYCLOPENTASILOXANE	541026						3.8												
	2-CHLORO-1,3,5-TRIMETHYLBENZENE	1667045						3.8				1.7								
	1-CHLORO-2(PHENYLETHYNYL) BENZENE	18271575						3.8												
	2-METHYLBENZOTRIAZOLE	13351738						3.8												
X	ETHYLENE GLYCOL, BIS(2-CHLOROETHYL) ETHE	112265						3.8												
	CYCLODODECANOL	830137						3.8					2.8							
	DIMETHYL SUBERATE	1732098						3.8												
	METHYL SUCCINATE,DIMETHYL ESTER	1604111						3.8												
	N-METHYL ETHENAMINE	38239279						3.8												
X	HEPTANOIC ACID,ETHYL ESTER	106309						3.8												
	2-(2-CHLOROETHOXY)ETHANOL	628897						3.8												
	UNDECANOIC ACID,METHYL ESTER	1731866						3.8												
X	BENZENEACETIC ACID,ETHYL ESTER	101973						3.8												
	METHYL P-ETHYLBENZOATE	4346183						3.8							2.9					
X	CLOFIBRATE	637070						3.8												
X	9H-FLUOREN-9-ONE	486259						3.8												
X	1-METHYL-2,4-DINITROBENZENE	121142						3.8									8.2			
	2,4-DICHLOROPHENOXY ACETIC ACID, METHYL	54571488						3.8	-8.4											
	METHYL ISONONANOATE	2177868						3.8												
X	ETHYL CAPRYLATE	106321						3.8												
	2-KETOPENTANEDIOIC ACID, DIMETHYL ETHER	13192046						3.8												
	CLOFIBRIC ACID,METHYL ESTER	55162419						3.8												

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE
676	METHYL ISOTRIDECANOATE	1731688	
677	ETHYL 7-METHYLMYRISTATE	17670756	
678	METHYL PENTACOSANOATE	55373892	
679	1-HEXANOL	111273	0.2
680	XHEXYL METHYL KETONE	111137	0.0
681	2,5-HEXANEDIOL	2935446	
682	5-HEXEN-2-OL	54774275	
683	XN-AMYL ALCOHOL	71410	
684	XNICOTINE	54115	
685	3-METHYL-4-HEPTANONE	15726155	
686	2-DODECANOL	10203288	
687	2-HYDROXY-6-METHYLBENZOIC ACID	567613	
688	4-OXO-NONANOIC ACID	6064524	
689	2-BROMO-1,2-DICHLOROPROPANE	17759885	
690	1-BROMO-2,3-DICHLOROPROPANE	33037079	
691	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL	54340895	
692	TRIPROPYLENE GLYCOL	1636160	
693	BUTYLBENZYLPHTHALATE	38411120	
694	X2,6-LUTIDINE	108485	
695	X2,4-LUTIDINE	108474	
696	2,3-LUTIDENE	583619	
697	2,4,6-COLLIDINE	108758	
698	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	
699	2-PHENYL ACROLEIN	495103	
700	1-METHYLISOQUINOLINE	1721933	
701	2-3-DIMETHYL QUINOLINE	1721897	
702	X-PHENANTHRENE	85018	-1.8
703	XBDICYCLOHEXYL PHTHALATE	84617	3.8
704	1,2-DIHYDRO-4-PHENYLNAPHTHALENE	7469401 A	
705	M-DIETHENYLBENZENE	108576 A	
706	1-PHENYL-3-BUTEN-2-ONE	37442550 A	
707	3-7,11-TRIMETHYL-3-DODECANOL	7270651	
708	XCETYL ALCOHOL	36653824	
709	2,2'-BI-1,3-DIOXOLANE	6705091	
710	N-PROPOXY ETHANOL	2807309	
711	2-METHYLCYCLOPENTANONE	1120725	
712	PHOSPHORIC ACID	456	
713	O-ALLYLTOLUENE	1587048 A	
714	P-ETHYL-ISOPROPYLBENZENE	4218468 A	
715	M-ETHYLISOPROPYLBENZENE	4920994 A	
716	(1,1-DIMETHYLPROPYL)BENZENE	2049958 A	
717	1-METHYL INDAN	767588	
718	1-ETHYL INDAN	4830993 A	
719	1-METHYL-1,2-DIPHENYLETHANE	5814857 A	
720	HEXAN-3-ONE	589388	

	* V1C	V1X	Y2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2D	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
					3.8	3.8												
						3.8												
						3.8												
	0.2				3.8													
		0.0			3.8													
			1.6	3.8	3.8			0.6*							2.2			
			2.8	2.8	3.8													
				3.8	3.8				2.6									
				2.8	3.8	1.5							1.9		1.2			
						-0.4	1.6							1.9		0.2		0.2
					3.8													
					3.8													
				3.8														
				3.8									2.9					
				3.8														
				3.8						2.7								
				3.8						1.7								
				3.8														
				3.8														
				3.8		0.5								-0.1				
				3.8		-0.4					0.8							
				3.8		-0.4												
				3.8														
				3.8									0.9					
				3.8										1.9	2.2			
				3.8														
				3.8										2.9		0.2		
				3.8										-0.1				
	-1.8	3.8	1.8	1.8*	2.8*			0.6*	0.7*		2.5*			1.9*	0.2*	1.2*		-0.8
	3.8	0.0				2.6*	0.6*							2.9*				
		3.8										1.8*		-0.1*				
		3.8	1.8				2.6*							2.9*				
		3.8												1.9*				-0.8
			3.8															
			3.8			0.6*					0.8*			1.9*	2.2*		2.8	
			3.8															
			3.8															
													1.9*	0.9*		3.8		
	1.8	1.8					2.6*				-0.2*	2.9	2.9*			3.8		
	1.8						0.6*				0.9*	2.8						
	0.0					-0.4*						2.9	-0.1*					
	1.8						0.6*				1.9*	2.9	0.9*					
	0.0								1.7		0.6*		2.9*		0.2*			
	-1.8										2.8*		2.9*					
	1.8										2.6*		2.9*					
						-0.4			2.8	2.8	2.9						1.2	
																	2.2	

SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

COMMON NAME	CAS NO.	RELATIVE SIZE * V1C V1K T2B T1C T1K T1Y T4C T4K M2C M2K P2C P2K O2C O2K S2C S2K X1C X1K
6-METHYL TETRALIN	1680519	
2,3,4-TRIMETHYLBENZOIC ACID	1076477	1.7 2.8* 2.9*
2-METHYL-2-NONEN-4-ONE	2903233	1.8 2.9
XCHLOROACETIC ACID	79118	2.8 2.9
P-DIISOPROPYL BENZENE	100165	1.8 1.9 2.9 2.2
1-HEPTENYLBENZENE	829992	1.8 2.9 -8.8
2,3,6-TRIMETHYL BENZOIC ACID	2529364	1.8 2.9
3-METHYL-2,2-DIOXIDE-1H-2,1,3-BENZOTHIAP	2225403	2.9
XCHLOROACETONE	78955	2.9
ISOPROPYL ACETATE	100214	2.9
.BETA.-OXO-BENZENEACETIC ACID, ETHYL EST	614277	2.9
1,3-DIHYDRO-2,2-DIOXIDE-2,1,3,BENZOTHIAD	1615061	2.9
METHYLISOBUTYL BENZENE	100	2.9
SEC-BUTYL ALCOHOL	78922	2.9
3,5,5-TRIMETHYL-2(5H)-FURANONE	58598500	2.9 1.9
2-PROPYLCYCLOHEXANONE	94655	2.9
~~XCHLOROFORM~~	~~67663~~	2.9
5-METHYL-5-PHENYL-2-HEXANONE	14120611	2.9 1.9
TETRAMETHYLBENZENE PROPANOIC ACID	55683188	2.9
2,2-DIMETHYLPROPANOIC ACID, 2,4,6-TRIMET	54644485	2.9
6-UNDECANONE	927491	2.9
2,6-DIMETHYLCYCLOHEXANOL	5337724	2.9
HEXAHYDRO-3-(2-PROPENYL)-2H-AZEPIN-2-ONE	29559348	2.9
1(2,6-DIHYDROXY-4-METHOXYPHENYL)ETHANONE	7507893	2.9
XMANDELIC ACID	90642	2.9
(2-CHLORO-2-PROPENYL)OXYBENZENE	53299539	2.9
DECYL VINYL ETHER	765059 a	2.9
.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE A	515308	2.9*
4-BUTYL-1,3-CYCLOPENTANEDIONE	54244723	2.9
PHTHIOCOL	483556	2.9
P-ISOBUTYLTOLUENE	5161046	2.9
XORCINOL	504154	2.9
DIBUTYL-3-METHYLGLUTARATE	56051686	2.9
7-METHYL-7-HEPTADECANOL	55723938	2.9
CYCLOHEXYL CHLORIDE	542187	2.9
1-PHENYLNAPHTHALENE	605027 A	2.8 2.9 1.7 1.2 2.2
2-PHENYLNAPHTHALENE	612942 A	1.8 2.9* -8.1*
2-ETHYL TETRALIN	32367547 A	1.8 2.8*
X2-METHYLANTHRAQUINONE	84548 a	1.8 1.6* 2.8* 1.9*
4-METHYL INDAN	824226 A	-1.8 1.8 2.8*
BENZILIDENEACETONE	122576 A	0.0 2.6* 2.8* 0.2
2,4-DIMETHYL-1-SEC-BUTYLBENZENE	1483689 A	2.8* 1.9*
~~TGARIN~~ SEE NO. 565	~~88535~~	1.6* 2.8* 1.9 1.9*
4-ETHYLBENZYL ALCOHOL	768592 a	~~8.6~~ 2.8
VERATRALDEHYDE	120149	2.8* 1.9*
		2.8 2.2

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(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE																		
				VLC	VLX	T2B	T1C	T1X	T1V	T4CT	T4XT	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
766	1,3-DIMETHYNAPHTHALENE	575417	A												2.8*						
767	(2-METHYL-1-PROPENYL) BENZENE	769490	A												2.8*	8.9	1.9*		8.2*		
768	P-DIPROPYLBENZENE	4815578	A												2.8*						
769	(1,1-DIMETHYLBUTYL) BENZENE	1985575	A												2.8*		1.9*				
770	XAZULENE	275514	a												2.8*				1.2		
771	1-METHYLFLUORENE	1738376	a												2.8*						
772	5-METHYL-2-HEXANOL	627598													2.8						
773	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	24156954													2.8	8.9					
774	OCTAHYDROINDENE	496106	a												2.8*				8.2*		
775	TRIETHYLENE GLYCOL, DIMETHYL ETHER	112492													2.8						
776	XSO-XYLENE	95476				2.8			8.6					2.8				2.2	2.2		
777	BUTYL FORMATE	592847				2.8								2.8							
778	IODOCYCLOHEXANE	626628										2.6	1.7	2.8		1.9		8.2			
779	2,2-DIMETHYLSUCCINIC ACID	597433												2.8							
780	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN	36712206												2.8							
781	4-HYDROXY-3-METHYL-2-(2-PROPENYL)-2-CYCL	551451												2.8							
782	OCTAHYDRO-4A,5-DIMETHYL-3-ISOPROPYL-2(1H	55332031												2.8							
783	2,4-DIMETHYL-2-PENTANOL	625869												2.8							
784	D-FENCHONE	4695629												2.8							
785	1,2-DIMETHYL-3-ISOPROPENYLCYCLOPENTANOL	4399074												2.8				-8.8			
786	4,8-DIMETHYL-7-NONEN-2-ONE	3664648												2.8							
787	MENTHONE	18458147												2.8				2.2			
788	DICYCLOHEXYLADIPATE	849998												2.8							
789	2-METHYL-1-PENTEN-3-ONE	25044013												2.8							
790	2,2-DIMETHYL-3,5-DECADIENE	55638581												2.8							
791	2,4,6-TRICHLOROANILINE	634935		-1.8			2.8		1.6*			2.7*		2.8							
792	2,6-DI-T-BUTYL-P-BENZOQUINONE	719222		-1.8	1.8		2.8		1.7*			2.7		1.8*				8.2*	1.2		
793	2,4-DICHLOROBENZOIC ACID	58948			2.8			2.8				2.7		1.8*				1.2*			
794	2,4-DIMETHYL HEXANOIC ACID	42329908										2.7						2.2			
795	1-ETHYL-3-METHYL BENZENE	620144					1.8					2.7									
796	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE	483783					1.8					2.7			1.9						
797	1,2,3-TRIMETHYL BENZENE	526738						8.6		8.6		2.7	1.8		8.9			8.2			
798	1-(3,3-DIMETHYLOXIRANYL)ETHANONE	4478631						-8.4		1.6		2.7	1.8	-8.2				1.2			
799	2,2-DIMETHYL BUTYRIC ACID	595379						1.6				2.7						2.2			
800	2-ETHYLBUTYRIC ACID	88099							1.6			2.7						2.2			
801	4,4-DIMETHYL-1,3-DIOXANE	766154								1.6		2.7									
802	X3,4-DICHLOROPHENOXYACETIC ACID	988227										2.7									
803	DODECAMETHYLCYCLOHEXASILOXANE	540976										2.7									
804	X2,6-DIMETHYLNAPHTHALENE	581420										2.7						8.2			
805	XO-CHLORONITROBENZENE	88733										2.7									
806	XMESITYLENE	108678										2.7									
807	1-(DICHLOROMETHYL)-4-ETHYLBENZENE	54789296										2.7	1.8					8.2	2.2		
808	1,1-DIBUTOXY-BUTANE	5921802										2.7									
809	CIS-9-OCTADECENAMIDE	381020										2.7									
810	X*TRIPHENYL PHOSPHATE	115866										2.7									

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE																			
			V1C	V1K	T2B	T1C	T1K	T1V	T4C	T4K	M2C	M2K	P2C	P2K	O2C	O2K	S2C	S2K	X1C	X1K
811	3,3,5-TRIMETHYCYCLOHEXANONE	873949									2.7									
812	4-ISOPROPYLACETOPHENONE	649136									2.7						1.2			
813	2-METHYL-3-OXOHEXANOIC ACID, ETHYL ESTER	29304403									2.7									
814	3-OCTANONE	106683									2.7	8.8	8.8				8.2			
815	DIAMYLPHTHALATE	131188									2.7									
816	4,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ON	18292965									2.7									
817	X*O-CHLOROTOLUENE	95498						1.8	-8.4		2.6						-8.8	8.2		
818	1,1,2,3-TETRACHLOROPROPANE	18495302							-8.4*		2.6	1.7	*8.8*				8.2	*2.2	1.8	
819	ETHYL BUTYL KETONE	106354							8.8		2.6					1.9	1.2	1.2		
820	ZM-AMINOACETOPHENONE	99836								1.8	2.6									
821	ALPHA-CHLOROPROPIONIC ACID	598787									2.6									
822	2,3-DIMETHYL-2-PENTANOL	4911708									2.6									
823	3-CHLORO-2-METHYL-1-BUTENE	5166358									2.6									
824	2,3-DICHLOROISOBUTANAL	18141227									2.6									
825	1-CHLORO-3-(CHLOROMETHYL) BENZENE	620202									2.6									
826	1,4-DIHYDRO-1-METHYL-4-OXONICOTINONITRIL	767986									2.6									
827	2,4,4-TRIMETHYL-2-PENTENAL	53907612									2.6									
828	1-METHYL-4-ISOPROPYL-1,2-CYCLOHEXANEDIOL	33669760									2.6									
829	X3-METHYL-1-BUTANOL ACETATE	123922									2.6									
830	TIGALDEHYDE	497038									2.6						1.2			
831	TRIMETHYLOXIRANE	5876197									2.6	8.8					1.2			
832	1-HYDROXY-3-METHYL-2-BUTANONE	36968222									2.6						2.2			
833	CIS-2,3-EPOXYHEXANE	6124909									2.6									
834	2,4-DIMETHYLPENTANAL	27944792									2.6									
835	CYCLOHEXYL ETHER	4645152									2.6						1.2			
836	3-ETHYL-2,2-DIMETHYLOXIRANE	1192229									2.6									
837	4-HYDROXY-3-METHYL-2-BUTANONE	3393644									2.6						2.2			
838	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE	21293827									2.6									
839	3-HYDROXYBENZALDEHYDE	100834									2.6									
840	2,2-DIETHOXYETHANOL	621636	-1.8						2.6											
841	6-ETHYL TETRALIN	22531288	0.0						2.6*											
842	ALPHA-PICOLINE	109068	0.0						2.6*				1.8*		1.9*					
843	2-HYDROXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE,	35692989			2.8			2.6												
844	3,3-DICHLORO-2-PROPENOIC ACID	1561202				2.8		1.6	2.6											
845	2-PHENYLPROPIONIC ACID	492375					2.8		2.6			1.8			1.9					
846	BETA,BETA-DIMETHYLPHENYLACETIC ACID	826551						2.6	2.6											
847	3-PHENYL PENTANOIC ACID	5669170						2.6												
848	3-HYDROXYCAPRIC ACID	14292263						2.6												
849	$D1-N-PROPYL PHTHALATE	131168						2.6												
850	1-ALLYLNAPHTHALENE	2489863						2.6												
851	2-METHYLFURAN	534225						-8.4	2.6											
852	N-PHENYL ACETAMIDE	103844						2.6									2.2		2.8	
853	XTRIS-B-CHLOROETHYL PHOSPHATE	115968						2.6	2.6											
854	BIS(2-ETHOXYETHYL)ETHER	112367						2.6												
855	N,N-DIMETHYLBENZYLAMINE	103833						2.6												
								2.6	1.6						1.9					

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
856	TETRAETHYLENE GLYCOL DIMETHYLETHER	143248							-0.4	2.6										
857	TETRAPROPYLENE GLYCOL METHYL ETHER	20324349							2.6											
858	4-CHLOROCROTONIC ACID	16197903								2.6				0.8						
859	XSACCHARIN	81072								2.6										
860	M-DI-SEC-BUTYLBENZENE	1079965								2.6										
861	P-DI-SEC-BUTYLBENZENE	1014411								2.6										
862	X2-METHYL-2-PHENYLOXIRANE	2085883								2.6										
863	6,6-DIMETHYL-2,5,10-UNDECANETRIONE	50464965								2.6							2.2			
864	2-METHYL-2-CYCLOPENTEN-1-ONE	1120736								2.6					1.9		2.2	1.2		
865	3,4-DIMETHYLBENZALDEHYDE	5973717								2.6						1.9				
866	3-BROMOHEPTANE	1974856						2.3												
867	N-BENZOYL-L-ALANINE, METHYL ESTER	7244679	1.0														2.2			
868	1-HEPTADECANOL	1454859		2.0													2.2			
869	1,1,2-TRICHLORO-1-PROPENE	21400259			1.0						1.6	1.7						2.2		
870	3-METHYL-2-HEPTANOL	31367461							1.6								2.2			
871	X*O-CHLOROANILINE	95512							-0.4	0.6							2.2			
872	2-ETHYLACETOACETIC ACID	4433856												0.8	1.9		2.2			
873	TRIBECYLIC ACID	638539													1.9		2.2			1.2
874	5-METHYL-3-HEXEN-2-ONE	5166530													1.9		2.2			
875	4,4-DIMETHYLHEXANAL	5932912														0.9	2.2			
876	TETRAHYDRO-2H-PYRAN-2-ONE	942289															2.2			
877	2-DECANOL	1120065															2.2			
878	XP-TERT-BUTYL PHENOL	98544															2.2			
879	2,5-DICHLORO-4-METHYLBENZOIC ACID	21460888															2.2			
880	1-NAPHTHOIC ACID	86555															2.2			
881	2-CHLORO-3-METHYL-2-BUTENE	17773658															2.2			
882	*+$PENTACHLOROBIPHENYL + OTHER PCBS	800															1.2	2.2		
883	2,4-DICHLOROPENTANE	625672															2.2			
884	3,6-DIMETHYL-3-HEPTANOL	1573280															2.2			
885	1-ETHOXY-2-HEPTANONE	51149783															2.2			
886	3-CYCLOHEXYL-4-PENTEN-2-ONE	55702540															2.2			
887	3-METHYL-1,2,4-CYCLOPENTANETRIONE	4505543															2.2			
888	3-ETHOXYPROPANAL	2806851															2.2			
889	1-(1-CYCLOHEPTEN-1-YL)ETHANONE	14377118															2.2			
890	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE	17663273															2.2			
891	XBETA-CITRONELLOL	186229															2.2			
892	3-ETHYL-4-METHYL-3-PENTEN-2-ONE	22287112															2.2			
893	4,4-DIMETHYLCYCLOHEXENE	14072867															2.2			
894	1-NITRO-2-OCTANONE	16867819															2.2			
895	~~2,3,3-TRIMETHYLHEXANE~~	~~16747287~~															2.2			
896	5,5-DIETHOXY-3-PENTYN-2-ONE	55402045															2.2			
897	3-ALLYL-2,4-PENTANEDIONE	3508789															2.2			
898	2,2-DIMETHYL-3-PROPYLOXIRANE	17612350															2.2			
899	7-METHYL-3-OCTEN-2-ONE	33046818															2.2			
900	MENTHYL ACETATE	16409453															2.2			

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE															
			V1G	V1K	T2G	T1C	T1K	T1V	T4C	T4K	N2G	N2C	P2C	P2K	O2C	O2K	S2C	S2K	N1C	N1K
901	3-METHYL-3-DECEN-2-ONE	54411039															2.2			
902	6-METHYL-3(2H)-BENZOFURANONE	28899414															2.2			
903	DI-SEC-BUTOXYMETHANE	2568926															2.2			
904	XANTHENE	92831															2.2			
905	6-DODECANOL	6836380															2.2			
906	2-METHYL-2-HEXANOL	625236															2.2			
907	5-METHYL-3-METHYLENE-2-HEXANONE	1187677															2.2			
908	CYCLODECANOL	1502892															2.2			
909	1-(ETHNYLOXY)PENTANE	5363633															2.2			
910	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE	28685454															2.2			
911	PHENYLBUTANAL	18328115															2.2			
912	CIS-5-BUTYLDIHYDRO-4-METHYL-2(3H)-FURANO	55013326															2.2			
913	2,6-DIISOPROPYLPHENOL	2078548															2.2			
914	ALPHA-FARNESAL	4955322															2.2	2.2		
915	3A,4,5,7A-TETRAHYDRO-4-HYDROXY-3A,7A-DIM	54346064															2.2			
916	BUTYL CYANATE	1760247															2.2			
917	ETHYL AMYL KETONE	541855															2.2			
918	3,8-NONADIEN-2-ONE	55282901															2.2			
919	3A,4,7,7A-TETRAHYDRO-2-PROPYL-1H-ISOINDO	2021207															2.2			
920	2-HEXEN-1-OL	249189															2.2			
921	ISOCYANOETHANE	624793															2.2			
922	4-PENTEN-2-OL	625310															2.2			
923	3-CHLORO-3-BUTEN-2-ONE	683705															2.2			
924	(2-(PENTYLOXY)ETHYL)CYCLOHEXANE	54852754															2.2			
925	DIMETHYLSULFONE	67710															2.2			
926	2,4-DI-TERT-BUTYLPHENOL	96764															2.2			
927	2-CHLORO-2-PROPENOIC ACID	598798															2.2			
928	BETA-RESORCYLIC ACID	89861																2.2		
929	XP-NITROBENZOIC ACID	62237																2.2		
930	~~HEPTANE~~	142825																2.2		
931	TETRAHYDROFURFURYL ALCOHOL; THFA	97994																2.2		
932	LOLIOLIDE	1133035																2.2		
933	X++$FLUORANTHENE	206440	-2.8					2.8	-8.4	-8.4	8.4		8.4				-8.8			
934	METHYL HEPTADECANOATE	1731936	-1.8					2.8												
935	XPROPIOPHENONE	93558		0.0				2.8												
936	(1-NITROETHYL)BENZENE	7214611		1.8				2.8							8.4					
937	2,3,4,5-TETRACHLOROANILINE	634833			1.8			2.8		8.4										
938	$O-CHLOROPHENOL	95578						2.8												
939	2-METHYL-1-NAPHTHALENOL	7469774						2.8												
940	2,3-DICHLOROBUTENE	7581977						2.8												
941	1-BROMO-2-CHLORO-2-BUTENE	54410843						2.8												
942	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE	94995						2.8												
943	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE	102476						2.8												
944	X+9H-FLUORENE	86737						2.8												
945	P-BROMOTOLUENE	106387						2.8												

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	VLC	VLX	T2B	T1C	T1K	RELATIVE SIZE T1Y	T4C+T4X+	M2C	M2X	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
946	1,2-DICHLORO-3-NITROBENZENE	3209221							2.0									1.2		
947	2-CHLORO-P-CYMENE	4395793							2.0											
948	2-CHLORO-1-(4-ETHYLPHENYL)-2-METHYL-1-PR	55812696							2.0							-0.1				
949	+X+LINDANE	58899							2.0		1.7						1.2	0.2		
950	METHYL DICHLOROACETATE	116541							2.0								1.2			
951	XURETHANE (ETHYLCARBAMATE)	51796							2.0	0.6						1.9				
952	4-CHLOROPHENYL ACETIC ACID, METHYL ESTER	34840647							2.0											
953	METHYL ANTEISOPENTADECANOATE	5129668							2.0											
954	P-CHLORO-2-NITROANILINE	89634							2.0											
955	2,4-D,ETHYL ESTER	54571499							2.0											
956	ALPHA-KETOGLUTARIC ACID	328507						2.0												
957	METHYL PROPENYLOXY KETONE	17257793					2.0													
958	4-HYDROXY-4-METHYLCYCLOHEXANONE	17429026					2.0													
959	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211					2.0								1.9	1.9				
960	XETHYLENE GLYCOL	107211					2.0			-0.4										
961	GAMMA-PICOLINE	108894					2.0													
962	2,5-LUTIDINE	589935					2.0													
963	2,3,6-TRIMETHYLPYRIDINE	1462846					2.0													
964	5-ETHYL-2-PICOLINE	104905					2.0													
965	2,3,4-TRIMETHYLPYRIDINE	2233296					2.0													
966	2,4,5-COLLIDINE	1122390					2.0													
967	2-ETHYL-6-PICOLINE	1122696					2.0													
968	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17429297					2.0													
969	ISOVALERAMIDE	541468					2.0													
970	XQUINOLINE	91225					2.0													
971	XQUINAIDINE	91634					2.0			0.6										
972	DIPROPYLENE GLYCOL	118985					2.0				0.6									
973	2-(1-METHYL-2-PIPERIDINYL)-PYRIDINE	19730842					2.0													
974	METHYLOCTADEC-18-ENOATE	13038454		0.0		2.0														
975	METHYL-9,11-OCTADECADIENOATE	13038476		1.8		2.0														
976	2-METHYL TETRALIN	3677198	A		2.0															
977	3-METHYL INDENE	767602	A		2.0								1.6*		0.9*			-0.6		
978	DIMETHYL NAPHTHALENE	388	A		2.0															
979	3-ETHOXYPROPIONITRILE	2141620			2.0															
980	(2-PHENYLETHYL)ACETATE	103457			2.0															
981	2-XYLYLETHANOL	27577964			2.0															
982	XCINNAMALDEHYDE	104552			2.0					1.6*										
983	ACETYL BIPHENYL	947911			2.0											-0.6		1.2		
984	4-OCTANONE	589639			2.0										0.9*					
985	3-BUTEN-2-OL	598323				2.0														
986	8-ETHYLSTYRENE	7564638	A			2.0				1.6*	0.7									
987	1-HEPTADECENE	6765395				2.0														
988	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	1123097				2.0				1.6					0.9		0.2			
989	DODECANAMIDE	1120167				2.0									1.9			0.2		
990	METHYL-2,3-DIMETHYL BENZOATE	15012369				2.0														

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
991	METHYL-11-OCTADECENOATE	52380333				2.8															
992	METHYL-9,12,15-OCTADECATRIENOATE	301000				2.8															
993	XN,4-DIMETHYLBENZENESULFONAMIDE	640619				2.8															
994	3-METHYL-1-PENTANOL	589355				2.8															
995	X+ACENAPHTHALENE	83329							-0.4								-0.8		2.8		
996	OCTADECANOL	26762447							1.6*										2.8		
997	ANTEISOHEPTADECANOIC ACID	457																	2.8		
998	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECA	38963916																	2.8		
999	1-(2-PROPENYLOXY)HEPTANE	16519247																	2.8		
1000	8-NONENE-2-ONE	5089325																	2.8		
1001	N-PROPYL-1-HEXANAMINE	28193231		-1.8															2.8		
1002	PHENYLCYCLOHEXANE	827521	A		1.8					1.6*					1.9*						
1003	ETHYLVALERATE	539822			0.0										1.8*		1.9*				8.2
1004	XETHYL HEXANOATE	123660			0.0										1.9						
1005	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	54789150	A		-1.8										1.9						
1006	DIETHYL TOLUENE	25550134	A		1.8	1.8				1.6*					1.8*		1.9*				-0.8
1007	1,6-DIMETHYL DECALIN	1750512				1.8						8.7			1.9						
1008	XN-TOLUQUINONE	1125000					1.8								1.9						
1009	4-METHYLCYCLOHEXANE CARBOXYLIC ACID	4331548															1.9				
1010	PSEUDOCUMENE	95636							8.6						1.9						
1011	ACETOACETIC ACID	541504							-8.4		1.6	1.7	8.8		1.9		1.2				
1012	1,4-DIMETHYL-2-ISOBUTYL BENZENE	55669088	A							1.6							1.9				
1013	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	28790865								-8.4*							1.9*				
1014	5-METHYLFURFURAL	620020								8.6							1.9				
1015	1,1-DIMETHYL INDENE	18636550								8.6					1.9						
1016	2-PENTENOIC ACID	626982											8.8		1.9		-0.8				
1017	4-OCTENOIC ACID	18294898												1.9			1.9				
1018	XN-UNDECYLIC ACID	112378													1.9						
1019	CLOFIBRIC ACID, M-CHLORO ISOMER	17413739													1.9						
1020	7-OXO-OCTANOIC ACID	14112982													1.9						
1021	1,2,3,3A-TETRAHYDRO AZULENE	33877871													1.9						
1022	~~3,6-DIMETHYLOCTANE~~	2051384													1.9						
1023	7-OCTEN-2-ONE	3664686													1.9						
1024	6-METHYL-BICYCLO(4.1.0)HEPTANONE	1484541													1.9						
1025	XFURFURAL	98011													1.9						
1026	6-METHYL-3,5-HEPTADIEN-2-ONE	16647044													1.9						
1027	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE	42328438													1.9						
1028	XDIETHYL SULFITE	623014													1.9						
1029	~~1,2,4-TRIMETHYL-CYCLOHEXANE~~	7667590													1.9						
1030	3-ISOPROPYL-2,4-PENTANEDIONE	1540301													1.9						
1031	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	3623050													1.9						
1032	2-METHLY-5-ISOPROPYLCYCLOHEXANONE	499707													1.9						
1033	2-BUTYL-2-OCTENAL	13819164													1.9						
1034	3,3-DIMETHYL-2(3H)-FURANONE	13524760													1.9						
1035	3-HYDROXY-2,4-PENTANEDIONE,BENZOATE	4620477													1.9						

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	RELATIVE SIZE V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2G	P2C	P2X	G2C	G2X	S2C	S2X	X1C	X1X
1836	2,2-DIMETHYLHEXANEDIOIC ACID, DIMETHYL E	17219215														1.9					
1837	VINYL CHLORIDE	75014															1.9				
1838	XCROTONIC ACID	3724650															1.9				
1839	3-PENTENOIC ACID	5204648															1.9				
1840	XOXALIC ACID	144627															1.9				
1841	7-NONENOIC ACID	1822															1.9				
1842	1-ETHYL-2,3-DIMETHYL BENZENE	933982															1.9				
1843	(1-ETHYL-2-PROPENYL)-BENZENE	19947229															1.9				
1844	2,6-DIMETHYLSTYRENE	2039989															1.9				
1845	BIS(3-METHYLPHENYL)METHANONE	2852688															1.9				
1846	1-ACETYLPIPERIDINE	618428															1.9				1.2
1847	CIS-2,3-DIHYDRO-2-METHYL-1H-INDENE-1,2-D	96588488															1.9				
1848	2,3-DIHYDRO-3,3-DIMETHYL-1H-INDEN-1-OL	38393929															1.9				
1849	5-ETHENYL TETRAHYDRO-.ALPHA.,.ALPHA.,5-T	5989333															1.9		0.2		
1850	1-(1-CYCLOHEXEN-1-YL)ETHANONE	932661															1.9				
1851	N-MENTH-1(7)-ENE (R)-(-)	13837713															1.9				
1852	1,7-DIHYDRO-2-(METHYLAMINO)-6H-PURIN-6ON	18030781															1.9				
1853	1-ALLYLBENZENE	637503															1.9				
1854	2(3H)-BENZOTHIAZOLONE	934349															1.9				
1855	XP-TOLUQUINONE	491358															1.9				
1856	4-METHYLPHENANTHRENE	832644		1.8													1.9				
1857	3',4'-DIHYDROXYACETOPHENONE	1197097		0.0										1.8*							
1858	TRANS-3-METHYL-3-PENTENOIC ACID	41653934												1.8*							
1859	5-ETHYLDIHYDRO-2(3H)-FURANONE	695867												1.8							
1860	O-CRESOTIC ACID	83409												1.8							
1861	PHLOROL	98886												1.8					1.2		
1862	2,3-DIMETHYL TETRALIN	21564921												1.8							
1863	OCTYL BENZENE	2189606												1.8							
1864	2,4,5-TRIMETHYLBENZALDEHYDE	5779726												1.8				-0.8			
1865	3-METHYLSTILBENE	14864483	A											1.8					0.2		
1866	BENZIL	134816												1.8*							
1867	2-(1-(2-METHOXYETHOXY)ETHOXY)ETHANOL	1017												1.8							
1868	XP-CYMENE (P-ISOPROPYL TOLUENE)	99876				1.8								1.8							
1869	1,1,2,3,3-PENTACHLOROPROPANE	19184617						-0.4		1.6	1.7			1.8	-0.2			0.2		1.2	
1870	XDMF (DIMETHYLFORMAMIDE)	68122								1.6				1.8					1.2		
1871	1,6-DIMETHYLNAPHTHALENE	575439												1.8							
1872	5-METHYL TETRALIN	2809645											1.7	1.8		-0.1		-0.8			
1873	2-PROPYLHEPTANOIC ACID	31888394											0.7	1.8	-0.2						
1874	X3,5-DICHLOROPHENOL	591355												1.8							
1875	O-ISOPROPYLBENZOIC ACID	2438042												1.8							
1876	O-ETHYL TOLUENE	611143												1.8							
1877	1-METHYL-2-CYCLOHEXEN-1-OL	23758272												1.8	-0.2			1.2			
1878	TRI-N-PROPYLENE GLYCOL, METHYL ETHER	13133294												1.8							
1879	4-ETHYLPYRIDINE	536754												1.8							
1880	X1,3,6-TRIMETHYL-2,4(1H,3H)-PYRIMEDINEDIO	13809529												1.8							

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE * V1C V1K T2B T1C T1K T1V T4C T4K M2C M2K P2C P2K O2C O2K S2C S2K X1C X1K
1081	XCAPRALDEHYDE	112312	1.8
1082	3',4'-DIMETHOXYACETOPHENONE	1131620	1.8 8.2
1083	X'DIPHENYLAMINE	122394 -8.4	1.7-8.2 1.8 1.2
1084	BUTYLATED HYDROXY TOLUENE (BHT)	128370 1.8 1.8 1.7	1.7 8.8
1085	XPHENYL ETHER	101848 1.8	1.7 8.8
1086	2-METHYL-3-PENTANONE	565695	1.7
1087	2-ETHYL PENTANOIC ACID	28225245	1.7
1088	~~XDECANE~~	~~124185~~	~~1.7 -8.8~~
1089	~~UNDECANE~~	~~1120214~~	~~1.7~~
1090	1-ETHYL-3,5-DIMETHYL BENZENE	934747	1.7 8.8 8.9
1091	4-ETHYL-1,2-DIMETHYL BENZENE	934805	1.7 8.8 8.2
1092	ISODURENE	527537	1.7 -8.8
1093	1,2-DIMETHYL INDAN	17057826	1.7 8.8
1094	X1,4-DIMETHYLNAPHTHALENE	571584	1.7
1095	P-CHLORONITROBENZENE	100005	1.7
1096	2,3,6-TRIMETHYLNAPHTHALENE	829265	1.7-8.2 -8.8
1097	1,6,7-TRIMETHYLNAPHTHALENE	2245387	1.7 8.8
1098	1,4,6-TRIMETHYL NAPHTHALENE	2131422	1.7-8.2
1099	5-CHLORO-2-METHYLBENZOFURAN	42180825	1.7
1100	CIS-1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALEN	26130847	1.7
1101	CHLOROFLUOROBENZENE	55256172	1.7
1102	1,1,3-TRICHLORO-2-METHYL-1-PROPENE	31702337	1.7
1103	PENTACHLOROBENZENE	608935	1.7
1104	2-T-BUTYL NAPHTHALENE	2676359	1.7
1105	~~DECYLCYCLOHEXANE~~	~~1795160~~	~~1.7~~
1106	4-PHENYLBICYCLOHEXYL	28273272	1.7 1.2
1107	X**HEPTACHLOR	76448	1.7
1108	NITROCYCLOHEXANE	1122687	1.7
1109	2,6-DIMETHYLCYCLOHEXANONE	2816571	1.7
1110	METHOXYCYCLOHEXANE	931566	1.7
1111	3-ETHYLHEXANOIC ACID	41065912 1.6	
1112	P-ETHYL TOLUENE	622968 1.6	
1113	ACETOIN	513860 1.6 -8.1	
1114	2-METHYL-2-ISOPROPYL-1,3-DIOXOLANE	4405167 1.6 1.2	
1115	4-PHENYL PENTANOIC ACID	16433435 1.6	
1116	DIMETHYL ISOPROPYL BENZENE	103 1.6	
1117	4-HYDROXY-4-METHYL-2-PENTANONE	123442 1.6	
1118	1-INDANONE	83330 1.6	
1119	2,2'METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4	119471 1.6	
1120	DIMETHYL INDAN	615 1.6	
1121	2,4,6-TRIMETHYLBENZALDEHYDE	487663 a 1.6* 8.9* 8.2*	
1122	M-ANISALDEHYDE	591311 1.6	
1123	DIBROMOCYCLOHEXENE	8895 1.6	
1124	META-CYMENE (M-ISOPROPYL TOLUENE)	535773 -8.2 1.2	
1125	2-KETO-3-METHYL VALERIC ACID	1460340 1.2	

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE VLC	VLX	T2B	T1C	T1X	T1Y	T4C+T4X+M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1126	5-HEXENOIC ACID	1577226													1.2			
1127	2,6-DIMETHYLHEPTANOIC ACID	60148949													1.2			
1128	3,3-DIMETHYLBUTYNE	917920													1.2			
1129	SEC-ISOAMYL ALCOHOL	598754													1.2			
1130	7-OCTEN-4-OL	53907725													1.2			
1131	2-METHYLCYCLOPENTANOL ACETATE	40991933													1.2			
1132	2,4-DIISOPROPYLPHENOL	2934056													1.2			
1133	ETHYL 4-HYDROXYPHENYLACETATE	17138282													1.2			
1134	DIOCTYL AZELATE	103242													1.2			
1135	TRIETHYLENE GLYCOL, PHENYL ETHER	7204162													1.2			
1136	2-ETHYL-3-PROPYLOXIRANE	53897328													1.2			
1137	DMU (DIMETHYL UREA)	5336243													1.2			
1138	P-(1-ETHYLPROPYL)TOLUENE	22975582													1.2			
1139	2-METHYL-1-DODECANOL	57289266													1.2			
1140	2-METHYLENE-1-BUTANOL ACETATE	55670092													1.2			
1141	TETRAHYDROFURFURYL ACETATE	637649													1.2			
1142	5-METHOXY-2-PENTANONE	17429048													1.2			
1143	5-(ACETYLOXY)-2-PENTANONE	5185977													1.2			
1144	PINACOL	76095													1.2			
1145	1,1-DIMETHOXYCYCLOHEXANE	933404													1.2			
1146	METHYL 3,6-DIHYDRO-4,5-DIMETHYL-2H-PYRAN	24588612													1.2			
1147	5-NONANOL	623938													1.2			
1148	1-TERT-BUTOXY-2-METHYLCYCLOHEXENE	40648268													1.2			
1149	8-ISOPROPYLACETOPHENONE	2142656													1.2			
1150	NONYLPHENOL	25154523													1.2			
1151	X2-FUROIC ACID	88142													1.2			
1152	CROTONYLBENZENE	1560061														1.2		
1153	ALLYLACETONE	109499														1.2		
1154	DIPROPYL CARBINOL	589559														1.2		
1155	XGUAIACOL	90051														1.2		
1156	SPIRODODECANE	181157														1.2		
1157	1-PHENYL-1,2-PROPANEDIONE	579077														1.2		
1158	FARNESOL	3790714														1.2		
1159	1-(BROMOMETHYL)-4-METHYLBENZENE	104814						1.0										1.2
1160	P-CHLOROANISOLE	623121						1.0										
1161	1,2,4,5-TETRACHLOROBENZENE	95943						1.0										
1162	(1-CHLOROETHYL)DIMETHYLBENZENE	54411211						1.0										
1163	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE	4478108						1.0										
1164	1-(CHLOROMETHYL)NAPHTHALENE	86522						1.0										
1165	*STETRACHLOROBIPHENYL	26914330						1.0										
1166	*SPENTACHLOROBIPHENYL	25429292						1.0										
1167	3-HEXYL BROMIDE	3377875						1.0										
1168	1,1,2-TRICHLOROPROPANE	598776			1.0					0.8								
1169	5,8-DIMETHYLQUINOLINE	2623509			1.0									-0.8				
1170	2,3,5-COLLIDINE	695987			1.0													

(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	*	V1C	V1X	T2B	T1C	RELATIVE SIZE T1X	T1V	T4C+T4X+	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1171	4-ETHYL-2,6-DIMETHYL PYRIDINE	36917369					1.0													
1172	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE	520694					1.0													
1173	X2,4-DIMETHYLQUINOLINE	1198374					1.0													
1174	TRIETHYLENE GLYCOL N-BUTYL ETHER	143226		1.0																
1175	METHYL OLEATE	112629		1.0																
1176	1,2-BENZISOTHIAZOLE	272162		1.0																
1177	9,12-OCTADECADIENOIC ACID	60333		1.0																
1178	4-ETHENYL BENZOIC ACID	1075496	A		1.0															
1179	4-HYDROXYACETOPHENONE	7339879			1.0															
1180	2-HYDROXY DECANOIC ACID	5393817			1.0															
1181	XMETA-CRESOL	108394			1.0															
1182	1-NAPHTHALENOL	90153			1.0															
1183	DIETHYL PHENOL, (UNKNOWN ISOMER)	26967657			1.0															
1184	METHOXYBENZENE	100663			1.0															
1185	2,2-DIMETHYL-1,1-BIPHENYL	605398	A		1.0															
1186	ALPHA-HYDROXY-ALPHA-PHENYL PHENYL ACETIC	76937			1.0															
1187	1-METHYL ANTHRACENE	610480			1.0															
1188	4-METHYL-3-HEPTANONE	6137117			1.0															
1189	METHYL PROPIONATE	554121			1.0												-0.8			
1190	P-METHYL ACETOPHENONE	122089	a		1.0															
1191	2#,4#,6#-TRIMETHYLACETOPHENONE	1667012	a		1.0															
1192	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE	6630019	A		1.0															
1193	2-ALLYL BENZOATE	583048	a		1.0															
1194	1-METHOXYETHYLBENZENE	4013347	a		1.0															
1195	QUINOXALINE	91190			1.0															
1196	ETHYL MARGARATE	14010232	A		1.0															
1197	BENZOPHENONE	119619	a		1.0									0.8*						
1198	X+PYRENE	129000		0.0		1.0														
1199	NEOPENTYL ALCOHOL	75043				1.0								0.8*						
1200	2-ETHOXYBUTANE	2679078				1.0														
1201	HYDROGENATED ABIETIC ACID	4007696				1.0														
1202	1-ETHYL-METHYLCYCLOPENTANE	16747505				1.0														
1203	XSCUNENE	90020				1.0														
1204	BENZALDEHYDEOXIME	622322				1.0			-1.4			0.8		0.9						
1205	METHYL PALMITOLEATE	1120250				1.0														
1206	6-PHENYL-2-HEXANONE	14171092																		
1207	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL	54063140																	1.0	
1208	XETHYL CAPRATE	110303																	1.0	
1209	1,3-DIMETHYL-5-(1-METHYLETHYL)-BENZENE	4706985												0.9						
1210	2,4-DIMETHYLISOPROPYLBENZENE	4706892							-0.4						0.9					
1211	3-PHENYLPENTANE	1196503	a						0.6					0.9						
1212	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	471012								-0.4*			0.5	+0.9						
1213	$N-PROPYL BENZENE	103651								0.6				0.9	0.9				0.2	
1214	1,3-DIMETHYL INDAN	4175535										-0.2		0.9		0.2				
1215	4,4-DIMETHYL-2-PENTENOIC ACID	6945353										-0.2		0.9						
														0.9						

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)

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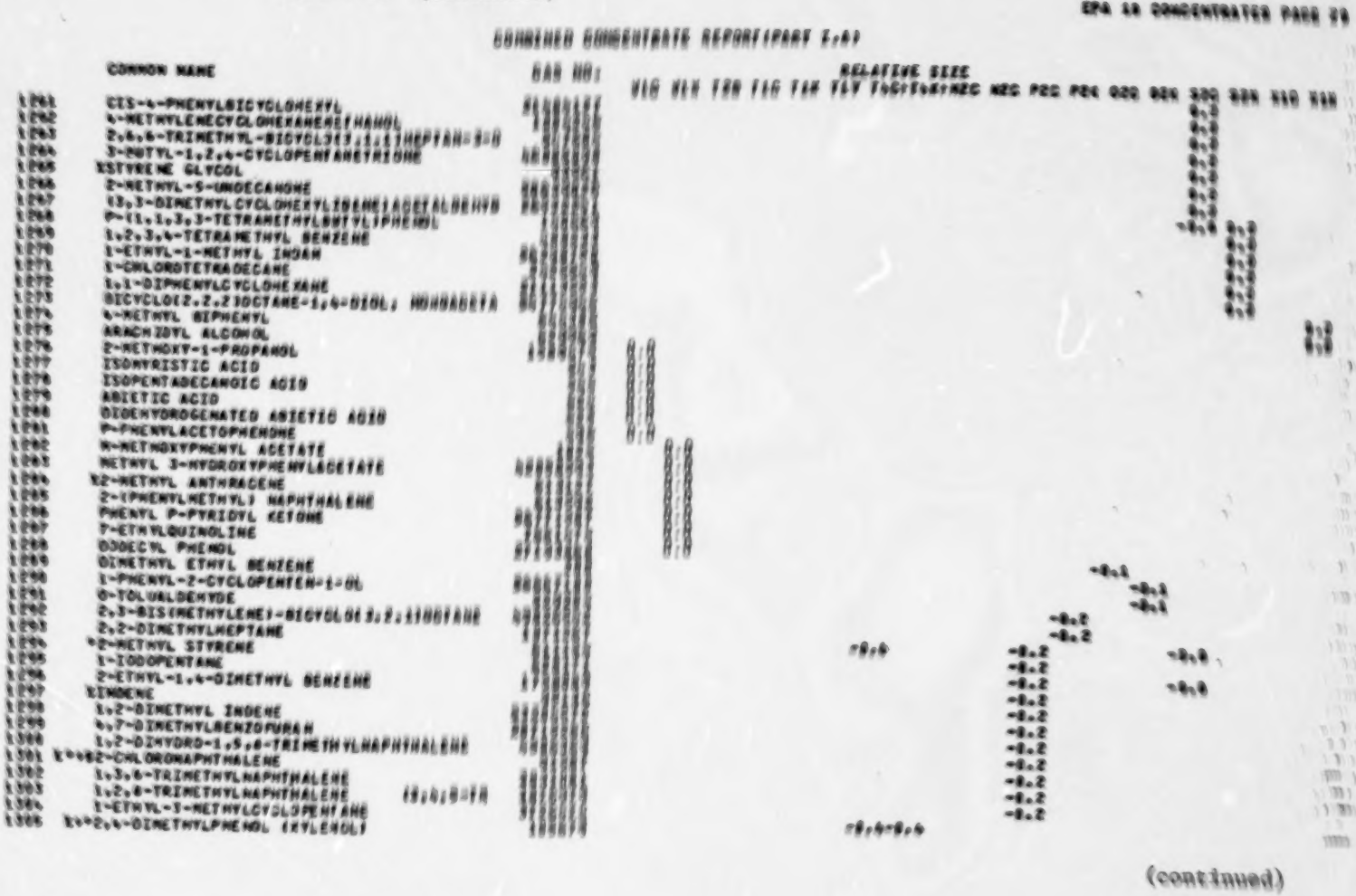
COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE *	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1216	C6-BENZENE	258														0.9					
1217	2-METHYL-2-BUTENAL	1115113														0.9					
1218	3-FUROIC ACID	488937															0.9				
1219	TETRAHYDRO-3,6-DIMETHYL-2H-PYRAN-2-ONE	3728227															0.9				
1220	2,3-DIMETHYL-1,4-HEXADIENE	18669528															0.9				
1221	2-METHYL-CYCLOHEXANEMETHANOL	[illegible]															0.9				
1222	%METHYLPHENYL CARBINOL	[illegible]															0.9				
1223	3,4-DIHYDRO-1(2H)-NAPHTHALENONE	[illegible]															0.9				
1224	PENTAMETHYLBENZENE	[illegible]															0.9				
1225	%ISOQUINOLINE	[illegible]															0.9				
1226	%*BODE	[illegible]											0.7		0.9						
1227	2,4-DIMETHYLPENTANOL	[illegible]													0.9						
1228	3,3-DIMETHYLBUTANAMINE	[illegible]													0.9						
1229	2,7-DIMETHYL TETRALIN	[illegible]													0.9*						
1230	2,4-DIMETHYLHEPTANE	[illegible]													0.9						
1231	2,6-DIMETHYLHEPTANE	[illegible]													0.9						
1232	2-(2-METHOXYPROPOXY)-1-PROPANOL (A DIPR	[illegible]													0.9						
1233	ETHYL BENZOPHENONE	[illegible]													0.9*						
1234	2,4-DICHLOROANILINE	[illegible]								-0.4				0.9							
1235	%3,4-DICHLOROANILINE	[illegible]								-0.4				0.9							
1236	2-IODOPENTANE	[illegible]												0.9							
1237	2-METHYLTHIOPHENE	[illegible]												0.9							
1238	1,1,3-TRICHLORO-1-BUTENE	[illegible]												0.9							
1239	1-ETHYL-2,4-DIMETHYL BENZENE	[illegible]												0.9							
1240	1,6-DIMETHYL-4-ISOPROPYL TETRALIN	[illegible]												0.9							
1241	2-ETHYL-1,3-DIMETHYL BENZENE	[illegible]												0.9					0.9		
1242	TRIPROPYLENE GLYCOL, METHYL ETHER (ISOME	[illegible]												0.9							
1243	2-(METHYLTHIO)BENZOTHIAZOLE	[illegible]												0.9				0.9			
1244	NONANAL	[illegible]												0.9							
1245	INDAN	[illegible]											0.7					0.9			
1246	(3-METHYL-2-BUTENYL)BENZENE	[illegible]											0.7								
1247	1,4-DIHYDRO-2,5,8-TRIMETHYLNAPHTHALENE	[illegible]											0.7								
1248	%*HEXACHLOROBENZENE	[illegible]											0.7-0.2								
1249	1-METHYL-4-PROPYLBENZENE	[illegible]										0.6						-0.9			
1250	3,3,3-TRICHLORO-2-METHYLPROPENE	[illegible]										0.6						-0.9			
1251	COTININE	[illegible]								0.6											
1252	CYCLOHEPTANONE	[illegible]									0.6										
1253	BENZYLAMINE	[illegible]									0.6										
1254	2-METHYL-2,4-PENTANEDIOL	[illegible]									0.6										
1255	%*P-CRESOL	[illegible]		0.0	0.0					-0.4	-0.4*										
1256	1,6-DICHLORO-1,5-CYCLOBOTADIENE	[illegible]											-0.2						0.9		
1257	4,7-DIMETHYL INDAN	[illegible]																0.9			
1258	1,5,8-TRIMETHYL TETRALIN	[illegible]																0.9			
1259	BIS(CHLOROPHENYL)METHANE	[illegible]																0.9			
1260	DURENE	[illegible]																0.9			

* SEE LAST PAGE OF TABLE

(continued)

TABLE 3. (continued)



(continued)

TABLE 3. (continued)

COMBINED CONCENTRATE REPORT(PART I,A)

	COMMON NAME	CAS NO:	RELATIVE SIZE
1306	DIMETHYL ISOPROPYL BENZENE		-8.4
1307	COUMARONE		-8.4
1308	4,6-DIISOPROPYL-M-XYLENE		-8.4
1309	7-METHYLBENZOFURAN		-8.4
1310	TRICHLOROHEPTAFLUOROBUTANE		-8.4
1311	DIMETHYL ISOPROPYL BENZENE		-8.4
1312	1,2,3-TRIETHYLBENZENE		-8.4
1313	XBENZYL CHLORIDE		-1.4
1314	4-METHYLSTYRENE		-8.0
1315	2-PHENYLHEXANE		-8.0
1316	1,4,6-TRIMETHYL TETRALIN		-8.0
1317	4-ISOPROPYL-ALPHA-METHYL STYRENE		-8.0
1318	M-TERPHENYL		-8.0
1319	DECAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL		-8.0
1320	1-CHLORO-4-(1-CHLOROETHENYL)CYCLOHEXENE		-8.0
1321	2,4,6-TRIMETHYLBIPHENYL		-8.0
1322	4-PHENYLBICYCLOHEXYL		-8.0
1323	2,4,5,7-TETRAMETHYLPHENANTHRENE		-8.0
1324	(1,1*-BICYCLOPENTYL)-2-ONE		-8.0
1325	O-TERT-BUTYLPHENOL		-8.0
1326	P-(1-ETHYL-1-METHYLHEXYL)PHENOL (A HONY		-8.0
1327	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL		-8.0
1328	ETHYL NONADECANOATE	A	-8.0
1329	5-DECANONE		-8.0*
1330	ISOPALMITIC ACID		-8.0
1331	DIBROMOPHENOL		
1332	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL		
1333	1,2-CYCLOHEXANEDIOL		
1334	BUTYL THIAZOLE		
1335	2-HYDROXY-5-ISOPROPYL-2,4,6-CYCLOHEPTATR		
1336	ACETALDEHYDE DIETHYL ACETAL		
1337	7-METHYL-3(2H)-BENZOFURANONE		
1338	8-NITROTOLUENE		-1.4

* THE DESIGNATION A AND a DENOTE A COMPOUND THAT IS A PROBABLE OR POSSIBLE ARTIFACT DUE TO XAD-2 RESIN BLEED. RS ENTRIES LABELED WITH AN ASTERISK ARE PROBABLY ATTRIBUTABLE TO THE BLANK ASSOCIATED WITH CONCENTRATE GENERATION. SEE DISCUSSION IN TEXT OF VOLUME 1.

\+ ADD 0.3 TO ALL RS VALUES SHOWN FOR T4C AND T4X TO GET THE CORRECT RS VALUE. SEE DISCUSSION IN TEXT OF VOLUME 1 COVERING THESE TWO CONCENTRATES.

TABLE 4. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN DW CONCENTRATES, SHOWING THE IDENTIFICATION STATUS

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	IO MODE OR CONC.(NG/L)																		
1	%+%DI-N-BUTYLPHTHALATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	%+NAPHTHALENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	2-ETHYL-1,1-BIPHENYL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	%PALMITIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	%1-BUTANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	2-HYDROXY-2-METHYLPROPANOIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	2-ETHYL-3-METHYLMALEIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	1-(1-METHYLPROPOXY)-2-PROPANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	%METHYL BENZOATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	%CYCLOHEXANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	%MONOBUTYL PHTHALATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	1,2 5,6-BIS-O-ISOPROPYLIDENETA-D-TALO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	1,2 4,5-DI-O-ISOPROPYLIDENEPHA-D-FRUC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	2,3-DIMETHYLMALEIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	PHTHALIC ANHYDRIDE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	%CYCLOHEXANONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	%BENZOIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	%MYRISTIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	PENTADECANOIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	%%DI-ISOBUTYLPHTHALATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	TRANS-2-METHYLCYCLOPENTANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	2-METHYLBUTYRIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	2,2,4,4-TETRAMETHYL PENTANOIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	%BUTYRIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	MARGARIC ACID	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	1,2-PROPYLENE GLYCOL, DIMETHYL ETHER	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	2-HEPTENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	1,1-DICHLOROACETONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	3-ETHYL-4-METHYL-2,5-FURANDIONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	2-HYDROXY-3-METHYL-2-CYCLOPENEN-1-ONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	4-(HEXYLOXY)-1-BUTANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	6-BROMO-2-HEXANONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	%BROMODICHLOROMETHANE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	%BROMOFORM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	4-METHYL-2-PENTANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	%*+%2,4,6-TRICHLOROPHENOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37	%+%DIETHYL PHTHALATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	2,4,6-TRIBROMOPHENOL,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	AMYLENE DICHLORIDE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	%9,10-ANTHRACENEDIONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41	7,7-DIMETHYL-2-OXOBICYCLO(2,1)HEPTANE-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	3-METHOXY-3-METHYL-2-BUTANONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
43	4-HEXEN-3-ONE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
44	%TRICHLOROPROPANE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	1-METHOXY-2-PROPANOL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
			ID MODE OR CONC.(NG/L)																	
46	3-HEXANOL						T				T	P	P	P		T	P			
47	%SALICYLIC ACID			P	P	P	P	P	P	P	P	P	P	P	P	P		P		
48	%CAPRYLIC ACID				P	P		P	P	P		P	P	P	P	P	P	P		
49	%PHENYLACETIC ACID					P	P	P	P	P	P	T	P	P	P	P	P	P		
50	~~2,3-DIMETHYLMALEIC ACID~~ SEE NO. 14					T			P	P					T					
51	%PELARGONIC ACID					P						P	P		P		T	P		
52	%STEARIC ACID					P			P			P			P		P		P	
53	1,3,5-TRIMETHYLCYANURIC ACID					T		T	P			T								
54	1-METHYLBUTYLALCOHOL				T	T					T	T	T		T		T			
55	3-PENTEN-2-OL							T	T		T	T	T		T				T	
56	2-METHYL-3-HEXANOL													T				T	T	
57	2-ETHYLBUTANAL																		T	
58	%4+-ETHYLACETOPHENONE	A		P				T		P				T		T		T		
59	DEHYDROABIETIC ACID		P	P	P				P			P			P		P		T	T
60	3,4-DIETHYLBIPHENYL	A		T								T				T				T
61	1-METHYL INDENE	a		T						T		T	T		T	T				
62	%$TOLUENE				T					P			T			T		T	P	
63	ISOVALERIC ACID					P		P	P	P	P	P	P	P	P	P		P		
64	2,4-DIMETHYLBENZOIC ACID							T	T			P	T		T	P	P	P		
65	3-PENTEN-2-ONE														T		T		T	
66	HEXAHYDROTOLUENE														T					
67	%ACETOPHENONE	a		P	P	P		P		P	P	P	P	P	P	P	P	P		
68	6-METHYL-5-HEPTEN-2-ONE					T							T	T	T		T			
69	2-ETHYL-1-HEXANOL		T			P	P		P	P				P	P		P	P		
70	2+-ETHYLACETOPHENONE	A		T										T		T				
71	2-ETHYLHEXANOIC ACID		T			P		P	P	P	P	P	P		P	P	P			
72	M-TOLUIC ACID					P		P	P	P		P	P			P	P	P		
73	P-TOLUIC ACID					P		P	P		P		P	P			P	P		
74	CLOFIBRIC ACID					P		P	P		P	P	P		P					
75	+ISOPHORONE						P	T	P	P			P	P	T	P	T	T		
76	$N-BUTYL-ISOBUTYLPHTHALATE										T	T	T			P				
77	2,6-DIMETHYLBENZOIC ACID											T	T		P		T	P		
78	1,5-HEPTADIENE-3,4-DIOL											T	T				T			
79	2-(2-BUTOXYETHOXY)ETHANOL A DIETHYLE					T	T		P	P	P	P		P	P	T	T	P		
80	3-METHYL-2-BUTEN-1-OL										P				T		T		T	
81	BENZORESORCINOL											T					T			
82	%CAPRIC ACID		P			P			P		P	P	P		P		P			
83	%TRIBUTYL PHOSPHATE		P		P	P		P	P		P	P	P				P		P	P
84	%AZELAIC ACID			P	P	P	P		P	P	P	P	P	P	P	P		P	P	
85	%PHTHALIC ACID			P			P			T	P	P	P	T	T			P		
86	%LAURIC ACID				T		P		P			P	P	P	P	P	P	P	P	
87	SUBERIC ACID						P			P		P		P	P	P				P
88	%OLEIC ACID								T			T					P			
89	2-CYCLOPETEN-1-ONE											T								
90	DICYANOHEXANE											T								

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
91	%ATRAZINE		T									P			P					
92	1H-IMIDAZOLE-2-CARBOXALDEHYDE			T							T		T			T				
93	%N-OCTANOL				T		T				T		T			T				
94	CIS-2-METHYLCYCLOPENTANOL					P	P		P	P	T	P	T	P	P	P	P	P	P	
95	%VALERIC ACID					P	P	P		P	P		P	P	P	P	P	P	P	
96	%BICHLORACETIC ACID					P	P			P	P		P	P			P	P		
97	%TRIETHYL PHOSPHATE					P	P		T	T	P		T				T	T		
98	5,6,7,7A-TETRAHYDRO-4,4,7A-METHYL-2(4					T	T	P		T	T	T	T	P		P	T	T		
99	3-METHYL-2-BUTENOIC ACID							P		T	T				P		P	T		
100	3-METHOXYPENTANE							T			P			P			T			
101	TRIPROPYLENE GLYCOL, METHYL ETHER								P	P	P			P			P			
102	TRIPROPYLENE GLYCOL, METHYL ETHER								T		T		P	P						
103	6-METHYL-2-HEPTANONE										T		T		T		T			
104	%PROPYL ALCOHOL										T		T							
105	2,2-DIETHYLPROPYLENE GLYCOL										T									
106	AMYL CHLORIDE										T		T		T		T			
107	3,5-DIMETHYLCYCLOHEXANOL										T									
108	1-METHYL-3-CYCLOHEXEN-1-OL										T		P							
109	CYCLOHEXYL FORMATE										T									
110	1,1,1-TRICHLORO-2-PROPANONE										T		T		T		T			
111	%2-CHLORO-1,1-DIETHOXYETHANE										T						P			
112	%DICAMBA							P												
113	%ISOBUTYRIC ACID			T		T			T	T		T		T			T	T		
114	2-METHYL-3-BUTEN-2-OL									T				T						
115	%BENZALDEHYDE								T		T	T	T	T	T					
116	DIETHYLENE GLYCOL, BUTYL ETHER		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
117	3,3,3-TRICHLOROPROPENE							T			T				T		P			
118	2-ETHYL-3-METHYLFUMARIC ACID								T						T			T		
119	ETHYL LACTATE																T	T		
120	DIACETYLBENEZENE													T						
121	ALDOL																T	T		
122	%1-(ETHENYLOXY)BUTANE																T			
123	6-PROPYL-BETA-RESORCYLIC ACID																T			
124	4-ISOPROPYL-O-PYROCATECHUIC ACID																T			
125	N-TRIETHYLENE GLYCOL, MONOETHYL ETHER																	T		
126	DIPROPYLENE GLYCOL, METHYL ETHER				T					P		P	P			T		T		
127	METHYL MYRISTATE								P	P	P	P	P							
128	METHYL STEARATE		P		P			P	P		T	P	P		P					
129	DIOCTYL ADIPATE		P		P		P	P												
130	%*$STYRENE		T	T			T	T	T	T	T		T		T	T			P	
131	1,3-DIETHYL BENZENE			3.6	0.4			44.5	0.8				0.2	1.9	8.4		0.1			
132	1,4-DIETHYL BENZENE	A		P	P			P		P				P	P	P				
133	1,2-DIETHYL BENZENE	A		P	P			P		P				P	P	P				
134	%+$DIOCTYLPHTHALATE	A		P	P			P						P	P	P				
135	ETHYL PALMITATE	A		P	T			T				T		T						
				P	P			P	P	P				P		P		P		P

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N3C	N2C	P2C	P3X	O2C	O2X	S2C	S2X	X1C	X1X
136	METHYL-3,5-DIMETHYL BENZOATE				T	T	T	T		T	T			T		T		T		
137	2-METHOXY-3-METHYLCROTONIC ACID					P		P	P		P	P	P				P			P
138	XDIBROMOCHLOROMETHANE					P	T	T			P	T	T							
139	2-CYCLOHEXENONE					T		T		P					P					
140	2,3,5,6-TETRACHLOROTEREPHTHALIC ACID							P												
141	X$M-XYLENE							T												
142	X3-CHLORO-2-METHYL PROPENE							T												
143	X+$O-DICHLORO BENZENE							P												
144	X**$HEXACHLORO-1,3-BUTADIENE							P												
145	P-METHYLSULFONYL TOLUENE							P												
146	1,1,3,3-TETRAMETHYL-2-INDANONE							1.6				2.7			8.7					
147	2,3-DIMETHYL-2-BUTANOL							T												
148	METHYL HEPTANOATE							T												
149	PHENYL ACETIC ACID, METHYL ESTER							T				T					T			
150	DI-(2-BROMOETHYL)ETHER							P												
151	1-ISOCYANO-4-METHYLBENZENE							P												
152	SULFONYLBIS(4-CHLOROBENZENE)							T												
153	2-ETHYL-4-METHYL-1-PENTANOL							T												
154	3-METHYLCYCLOPENTANONE					T	T													
155	XCAPROIC ACID					T	T													
156	E*+PHENOL		T		P	P	P	P	P	P	T	P	P	P	P	T	P	P	P	
157	X$1,1,2,2-TETRACHLOROETHANE			3.3		7.5	9.1	28.2	18.2	51.1	6.1	7.8	P	P	P	P	P			T
158	XN-HEPTANOIC ACID				T	T	P		P		P				1.6	18.1				
159	2,3,3-TRICHLORO-2-PROPENOIC ACID					P	P	P	P	P	P	P	P	P	P		P	P	F	
160	N-HYDROXYPHTHALAMIDE					T	T	T		T			T	P			P	T		T
161	1-ETHOXY-1-METHOXYETHANE					T	T			T								T		
162	1-1-DIMETHOXYPROPANE					T														
163	~~2,3-DIMETHYLHALCIC ACID~~ SEE NO. 14					T														
164	ISOPROPYL BENZOATE					T	T													
165	1,1-BIS(4-ETHYLPHENYL)ETHANE	A				T														
166	4-ETHYLSTYRENE	A		T																
167	XSTILBENE (CIS OR TRANS, SEE NO. 411)	a		P	P			T		T				T		T				T
168	2-HEPTENYLBENZENE			T						P				P	P	P				T
169	X2-METHYLNAPHTHALENE	A		T										P						P
170	X8IPHENYL	A		P			P							T		T				
171	2-METHYL BIPHENYL	A		P	P			P	P	P	P	P	P	P	P	P	P			
172	3,4+-DIMETHYL-1,1+-BIPHENYL	A		T			P	P	P	P		P	P	P	P	P	P	P		P
173	XSTILBENE OXIDE	A		T				T				T		T						
174	1,1-BIS(M-ETHYLPHENYL)ETHANE	A		T						T										P
175	XCYCLOPROPYL METHYL KETONE			T										T		T				
176	2-METHYLCYCLOPENTANOL (GEOMY UNKNOWN)				T							T			T					T
177	XMETHYL BUTYLKETONE				T															
178	~~CARBONIC ACID~~				T						T		T			P				P
179	2-HEXANEAMINE										T		P				T			
180	2,4-HEXADIEN-1-OL																		T	
																			T	
																			T	

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

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	COMMON NAME	*	ID MODE OR CONC.(NG/L) VIC	VIX	TZB	TIC	TIX	TIY	T4C	T4X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
181	DIETHYL CARBINOL								T		T	T			T		T		T	
182	BENZYL ALCOHOL								P	P	P	P								
183	2,3-DIHYDRO-4-METHYLFURAN								T		T									
184	ETHYLBENZALDEHYDE																			
185	2',3'-DIMETHYLACETOPHENONE	A		T	T			P		T					T		T			
186	3-ETHYLSTYRENE													T	T	T		T		T
187	ETHYL MYRISTATE	A		T	T					T				T	T	T		T		
188	OCTAHYDRO-2,3-DIMETHYLNAPHTHALENE	A		P						T			T	P	T	T		T		T
189	2,3-DIMETHYLBENZOIC ACID				T			P		P				P	P	P		P		P
190	2*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID					T		T							T					
191	3,4-DIMETHYL-2,5-FURANDIONE					4.5		30.5	4.7			P	P	T	P		T			
192	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (T a										11.3				14.7					
193	2-HEXANOL									T		T			T					
194	DIETHYLENE GLYCOL, MONOMETHYETHER (C									T	T	T				T		T		T
195	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE												T	P	T				T	
196	2,3-dimethylmaleimide													P	P	P	P	P		
197	5,6-DIMETHYL-1-INDANONE														T					
198	4A,5,6,7,8,8A-HEXAHYDRO-4A,DIMETHYL-2														T					
199	XO-CRESOL														T	T				
200	4,4-DIMETHYLDIHYDROFURANONE														T	T				
201	3-METHYLPENTAN-3-OL		T			T	T				T					T				
202	2,5-HEXANEDIONE				P	P			P			T	P				T	T		
203	TRIPROPYLENE GLYCOL, METHYL ETHER								P	P	P		P	P	P		T	P		
204	TRIPROPYLENE GLYCOL, METHYL ETHER								P	P	P		P	P						
205	VERATRIC ACID			T					P	P	P		P	P						
206	X1-METHYLNAPHTHALENE			P					T				P	P						
207	(1-NITROPROPYL) BENZENE	A		T				P		P		P	P	P	P	P	T	T		
208	2,5-DIMETHYLBENZALDEHYDE			T							P		P	P						
209	3-METHYLBIPHENYL	A		T	T			T						P						
210	2-BUTOXYETHANOL	A		T										P	T	P		P		T
211	ETHYL LAURATE				T	P		P	P					T						
212	2-ETHYL INDAN	A					P		P					T	P	P		P		
213	2,2,5,7-TETRAMETHYL TETRALIN	A												T						
214	BENZYL METHYL KETONE	A																		
215	PALMITOLEIC ACID		T																	
216	3,5-DIMETHYLBENZOIC ACID			P	T				T			T	T	P		P	T			
217	DIISOBUTYL KETONE			P					P		P		P		T	T	T			
218	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE					T			T	T	T		P			P	P			
219	2,4,6-TRIMETHYLBENZOIC ACID						P				P			T	T	T	T	T		
220	5-METHYL-2-HEPTANOL						T		T		P				T		T			
221	ORTHO-TOLUIC ACID								P	T	T	T	T	P						
222	XHYDROCINNAMIC ACID																			
223	3,4-DIMETHYLBENZOIC ACID								P		T	T	T		T		T	T		
224	ISO-HEXANOIC ACID								P	T		P	P							
225	HEXAHYDROBENZOIC ACID								P				P		T	T	T			
											T	T	P	P				T		

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
226	%2-PHENYLISOPROPANOL											T							
227	1-(2-METHOXY-1-METHYLETHOXY-PROPANOL									T	P	P	T						
228	4-METHYLHEXANOIC ACID										P	T							
229	3-METHYLPENTANAL											P		T		T			
230	~~ISOBUTYLCYCLOHEXANE~~											T							
231	2,2-DIMETHYL-1-PENTANOL											T							
232	2-(2-METHOXY-1-METHYLETHOXY)-PROPANOL											T				T			
233	1-(ETHENYLOXY)HEXANE											T							
234	FENCHYL ALCOHOL											T		T		T			
235	%MENTHOL											T							
236	1-(TRIMETHYLOXIRANYL)ETHANONE											T							
237	%ENDO-BORNEOL											T							
238	1,2 3,5-BIS-O-(1-METHYLETHYENE)-ALPHA											P							
239	4-NONANOL											T							
240	OCTAHYDRO-4A,5-DIMETHYL-3-(ETHYLETHYL											T							
241	PHTHALIDE											T							
242	NONADECANOL											P				P			
243	TRIPROPYLENE GLYCOL, METHYL ETHER											T							
244	5,5-DIMETHYLDIHYDROFURANONE											P							
245	%$BIS(2-ETHYLHEXYL) PHTHALATE	P			P			T			P	T		T		P	T		
246	ANISIC ACID		P					T		P	P	P	P	P	P	P			P
247	N-BUTYLBENZENESULFONAMIDE		P			P		P	P		P	T	P		P	P			
248	5,6,7,7A-TETRAHYDRO-4,4,7A-METHYL-2(4				P						P	P							
249	1,3-DICHLORO-2-METHYLBUTANE (A DICHLO				T			T			T	T	T			T			
250	DIPROPYLENE GLYCOL, METHYL ETHER							T		T	T	T				T	T		
251	5,5-DIMETHYL-2-FURANONE							P	P	P	T	P	P						
252	%TCA (TRICHLOROACETIC ACID)							T		T	T					T			
253	DICHLOROPHENOXYACETIC ACID OMER UNKNO										T					P			
254	PIVALIC ACID										P								
255	3-CHLOROCYCLOPENTENE										T	T				T			
256	6-(ACETYLOXY)-2-HEXANONE										T								
257	6,7-DODECANEDIONE										T						T		
258	DIETHYL PENTYL PHOSPHATE										T					T			
259	7-TRIDECANONE										T								
260	%LAURYL ALCOHOL										T								
261	N,N,4-TRIMETHYLBENZENESULFONAMIDE										T	T				P	T		P
262	ISOPROPYL HYDROPEROXIDE										T								
263	DIISOOCTYLPHTHALATE										T								
264	3,4-EPOXY-2-HEXANONE								P										
265	%+$DIHEXYL PHTHALATE	T								T						T	T		
266	%1,4-DIOXANE	T								T									
267	LEVULINIC ACID				T					T	T			T	T			T	
268	1-HEPTEN-4-OL				T	P	P	P		P	P	P	P	P	P	P	P		
269	2-METHYL-1-PENTEN-3-OL					T				T						T			
270	N,N-DIETHYL FORMAMIDE					T				T						T			
								P	P	P				P		P	P		

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1K	T1Y	T4C	T4X	M2C	M2X	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
271	2-METHYL-2-HEPTANOL									T	T						T			
272	3,5-DIMETHOXYPHENOL										T									
273	XAMOBARBITAL										T									
274	XPENTABARBITAL										P									
275	TRANS-9-HEXADECENOIC ACID										P									
276	PETROSELINIC ACID										T						T			
277	XCYCLOHEXYL BROMIDE										T									
278	5-METHYL-3-HEXANOL										P		P				P	P		
279	2-METHYL-2-BUTEN-1-OL										T							T		
280	5-ETHYL-2-HEPTANOL										T		T				T			
281	3-METHOXY-1,3,4-HEXATRIENE										T									
282	2-METHYL-2-ISOBUTYLOXIRANE										T									
283	1-METHYLHEXYLHYDROPEROXIDE										T									
284	2-BUTYL-3-METHYLOXIRANE										T									
285	2-METHOXY-4-METHYL-2-PENTEN ACID, MET										T	T								
286	2,3,4-TRIMETHYL-3-PENTANOL										T									
287	1-ISOCYANONAPHTHALENE										T									
288	N-TERT-BUTYL-3-METHYLBENZAMIDE										T									
289	4,5-DIETHYL-2,3-DIHYDRO-2,3METHYLFURA										T									
290	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE										T									
291	2,5-DIMETHYL-2-HEXANOL										T									
292	X+$BUTYL BENZYL PHTHALATE										T									
293	PROPYLOXIRANE										T									
294	XCYCLOHEXYL ACETATE										P	P								
295	X(ETHOXYMETHYL)OXIRANE										T									
296	4-HEPTANONE										P	P	P							
297	PHENOXY ACETIC ACID						T				T						P			
298	XETHOSUXIMIDE				P					P					T	T	T		T	
299	2-METHOXY-4-METHYL-2-PENTENOIC ACID						T		P	P										
300	4,6-DIMETHYL OCTANOIC ACID						T	T		T	T			T	T	T		P		
301	O-CRESYL ACETATE								T						T	T		T		
302	3-HYDROXYNONANOIC ACID								T	T										
303	X2,4-DIMETHOXYBENZOIC ACID								T											
304	P-ETHYLBENZOIC ACID									T										
305	1,1-DIPHENYLETHANE									P								T		
306	METHYL AMYL CARBINOL	A	P							P										
307	XETHYL CARBONATE		T								P		T	T	T		P			
308	5-METHYL HEXANOIC ACID							T				T				T			T	
309	2-BUTYL THF							T			T	P		P		T				
310	4,5-DIMETHYL-2-HEPTEN-3-OL								T							T		T		
311	5-METHYL-2-HEPTANONE									T	T					T				
312	1,3,3,7-TETRAMETHYL-2-OXOBICLO(2.2.1)H										T					T				
313	BUTYL ISOBUTYRATE										T					T				
314	2-ETHYLCYCLOHEXANONE												T			T				
315	DIETHYLENE GLYCOL, METHYL ETL DIETHER												T		T	T				

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	P2C	P8X	O2C	O2X	S2C	S2X	X1C	X1X
316	2-METHYLHEPTANOIC ACID																T			
317	1,6-HEXANEDIOL																T			
318	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN																T			
319	CYCLOHEXANEHEXANOL																T			
320	~~2,5-DIMETHYLHEXANE~~																T			
321	2,2,5,5-TETRAMETHYL THF																P			
322	X4(1H)-PYRIMIDINONE																			
323	3,5-NONADIEN-7-YL-2-OL																T			
324	4,4,5,5-TETRAMETHYL-1,3-DIOXOAN-2-ONE																T			
325	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE																T			
326	OXACYCLOTETRADECAN-2-ONE																T			
327	1,1-DICHLORO-2-HEXANONE																T			
328	4,4-DICHLORO-3-HEXANONE																T			
329	DIHYDRO-5-METHYL-2(3H)-FURANONE																T			
330	C3-DIHYDROXYBENZOIC ACID																T			
331	4-BUTOXYBUTYRIC ACID																P			
332	X$1,2-DICHLOROETHANE																	T		
333	PENTAETHYLBENZENE					T		T										T		
334	0-ETHYLBENZOIC ACID			T												T				
335	X+$DICHLOROETHYL ETHER	A		P				P		T										P
336	XETHYL BENZOATE			P				P						T		T				
337	ETHYL PENTADECANOATE	A		P	P			P						P	P					P
338	ETHYL STEARATE	A		P				P		P				P		P				
339	ANTEISOPENTADECANOIC ACID	A		P	P			P		P				P						P
340	X+$P-DICHLOROBENZENE				P			P												
341	DIHEXYLADIPATE				8.1	8.3		85.6	8.4		4.9	6.9	8.2				1.7	1.7		P
342	METHYL LAURATE				T			T												
343	METHYL-2,4-DIMETHYL BENZOATE	8			P			P												
344	2,3-DICHLOROANILINE	8			T			P												
345	X$DIMETHYL PHTHALATE					P		T		P			T							
346	XBENZYL CYANIDE					P		P									T			
347	3-HEPTANOL					P		P												
348	1-CHLORO-2-METHYL-2-BUTENE						T	T			P	P	P				P			
349	NEOPENTYL CHLORIDE							T										T		
350	1-BROMO-4-ETHYLBENZENE							T			T									
351	2,4,6-TRICHLOROANILINE							P												
352	*PENTACHLOROANILINE							P												
353	1,2,2,3-TETRACHLOROPROPANE							8.2									P			
354	X*+$1,2,4-TRICHLOROBENZENE							T	T											
355	2,4-DICHLORO-1-NITROBENZENE							16.1												
356	+XLINDANE (BETA ISOMER)							T			8.3		8.2				8.8	8.8		
357	X*PENTACHLORONITROBENZENE							P									T			
358	DIMETHYL AZELATE							8.4				T								
359	4-TERT-BUTYL-2-METHYLPHENOL							P												
360	4-METHYLPHENYLSULFONYL ACETACID, METH							T	T						T	T				
								T												

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
361	4-METHYL-1-PHTHALAZINONE							T												
362	2-METHYL-2-PENTANOL							T			T	T			T		T			
363	%CAMPHOR							P									T			
364	2-KETOISOCAPROIC ACID							P		T				T			T			
365	PENTYLENETETRAZOLE							T							T					
366	SUCCINIC ACID, DIMETHYL ESTER							P												
367	%DIETHYL SUCCINATE							P												
368	2,2-DIMETHYLGLUTARIC ACID							P												
369	1-(METHYLPHENYL)ETHANONE	A						P		T						T				
370	METHYLSULFONYL BENZENE							T												
371	ALLYL-1,3-DIOXANE							T												
372	METHYL CAPROATE							P												
373	METHYLCAPRYLATE							P												
374	METHYL PELARGONATE							P												
375	ETHYLNONENOATE							P												
376	METHYL CAPRATE							P												
377	BENZONITRILE							P												
378	PHENYLPROPIONIC ACID,METHYL ESTER							P					P							
379	2,4,5-TRICHLOROPHENOXY ACETACID, METH							P												
380	2,2-DIMETHYL-3-PENTANOL							P												
381	(1-ETHOXYETHYL) BENZENE	a						T												
382	1,2-DIMETHYL-4-NITROBENZENE							T								T		T		
383	METHYL HEPTADECANOATE (MEL MARGARAT							T												
384	1-(2-BUTOXYETHOXY) ETHANOL			T			T	P	T				T		T		P	P		
385	2-HEXENOIC ACID					T	T	T			T	T		T						
386	METHYL N-AMYL KETONE						T		T								P	P		
387	%DALAPON						P	P		P										
388	HENEICOSANIC ACID						P										P	P		
389	HEPTYL ALCOHOL						T		T		T	P			P	T				
390	%BIS(2-ETHYLHEXYL) ADIPATE		P		P	P	T							T			T			
391	ADIPIC ACID, DIHEXYL ESTER				T	T	T						P	T						
392	6-UNDECANOL					T	T													
393	P-ISOPROPYL BENZOIC ACID					T			T											
394	4,4-DICHLOROBUTENOIC ACID					T														
395	%ANTHRANILIC ACID					T														
396	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID					T														
397	2-(2-HYDROXYPROPOXY)-1-PROPL (A DIPRO					T														
398	2-PHENOXYETHANOL					T														
399	CYCLIC TETRAMETHYLENE ADIPATE					T														
400	1-CYCLOPENTYLETHANONE					T														
401	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE					T														
402	N,N=-DIMETHYLUREA					T														
403	DIPHENYLMETHANE	A																		
404	1,2-DIHYDRONAPHTHALENE	A		P						P				P		P				
405	TETRAETHYLBENZENE	A		T						T				T		P				T

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2C	P2C	P8X	O2C	O2X	S2C	S2X	X1C	X1X
406	1-ETHYLNAPHTHALENE	A		P										P		P				
407	1-METHYL-7-ISOPROPYL NAPHTHALENE	A		T																
408	%3-METHYLPHENANTHRENE	a		T										T						
409	1-PHENYL TETRALIN	A		T						T				T		T				T
410	1,1-BIS(O-ETHYLPHENYL)ETHANE			T										P		T				T
411	%STILBENE (TRANS OR CIS, SEE NO. 167)			T						T				T		T				T
412	2-PHENYL TETRALIN			T						T						T				
413	3-ETHYLACETOPHENONE			T						T										
414	2-(ETHYLPHENYL)PROPYL METHYL ETHER			T																
415	%ETHYLENE TETRACHLORIDE				T				T						P		P	P	P	
416	$ETHYLBENZENE				P				P						P		P	P	P	
417	%$P-XYLENE				P			P											T	
418	(1,4-CYCLOHEXADIEN-1-YL)BENZENE																			
419	DIACETONE ALCOHOL										T	T				T			T	
420	2,6,6-TRIMETHYL-1-CYCLOHEXE1-CARBOXAL														T					
421	TRIETHYLENE GLYCOL METHYL ETHER													P	T					
422	9-KETOCAPRIC ACID		T											T	T					
423X**	$PENTACHLOROPHENOL		0.2			1.8		4.1	2.6			8.6		8.7	8.1		8.9			P
424	1,3,5-TRIETHYLBENZENE			P						P				P	P	P				
425	2,6-DIMETHYL DECALIN				T										T					
426	%BUTROLACTONE				T										T					
427	%*2,4-DICHLOROPHENOXYACETIC AC, (2,4-D)					2.3		28.1	44.4			54.3			4.3	T				
428	1,1,3-TRICHLORO-1-PROPENE					T			T		T	T	T		T		T	T		
429	SEBACIC ACID									P				P		P				
430	2,6-DIMETHYL ACETOPHENONE									T						T				
431	2,4,5-TRIMETHYLBENZOIC ACID										T		P		P					
432	3-HYDROXYTETRADECANOIC ACID											T				P				
433	O-ANISIC ACID												P	P	P					
434	3-OCTEN-2-ONE												P	P	P					
435	DIOCTYL SEBACATE												T		T					
436	2-METHOXY-3,5,5-TRIMETHYL-2CLOHEXENE-												T		P					
437	PIPERIDINONE														T	T		T		
438	TETRAHYDRO-2-METHYL-2-FURANOL														T					
439	%SUCCINIC ACID														T					
440	2-ETHOXYNAPHTHALENE															T				
441	%N-DECYL ALCOHOL															T				
442	1,2,4-TRIETHYLBENZENE	a		P						P			T			T	T			
443	TETRALIN	A		P	P			P		P		P	P	T	T	P				P
444	DIVINYLBENZENE	A		T						P				T		P	P			
445	P-ETHYLBENZALDEHYDE	A		T						T				T				P		
446	2*-METHYLACETOPHENONE	A		P						P		T		T		T				
447	1-METHYL TETRALIN	A		T										T						
448	1,1-DIMETHYL INDAN-4-CARBOXC ACID, ET	A		T						P			T	T		T				
449	2-ACETYLOXYACETOPHENONE	a			T									T						T
450	3-METHYL-2-CYCLOHEXEN-1-ONE					T			P				T	P	T	P	P			

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
451	2',4'-DIMETHYLACETOPHENONE	A						T			T			T		P		T		
452	X2-ETHYL NAPHTHALENE	A								P				P		P				P
453	3-METHYL VALERIC ACID	A									P		P	P	T	P				
454	2-METHYL INDAN											T		T	T					
455	2,2-DIMETHYL-3,5-DECADIYNE	A												T			T			
456	5-METHYL INDAN													T						
457	2,5-CYCLOHEXADIENYLBENZENE	A												T						
458	ALPHA-METHYLSTILBENE													T		P				
459	2,3,4,5,6-PENTAFLUORO-N-(2-NYLETHYL)B	A												T			T			
460	4,4'-DIETHYLBIBENZYL													T						
461	DIPROPYLENE GLYCOL METHYL ER (1-(2-	A												T						
462	3-PROPYLCYCLOPENTENE													T						
463	2-HENDECANOL													T						
464	1-UNDECANOL													P		P				
465	HEXYL BENZOATE													T			T			
466	PENTYL BENZOATE													T						
467	BENZOTHIAZOLE		P			P		P	P				P				P			
468	X*$P-CHLOROPHENOL					0.5		44.5	46.8				0.6		3.1			T		
469	4-METHYLPHTHALIC ACID						T					T	T							
470	XZ-NAPHTHOIC ACID								P			P	T				P			
471	X**$2,4-DICHLOROPHENOL								2.5			2.1	27.2							
472	1,2,3,3-TETRACHLORO-1-PROPENE								T		T		T				T			
473	1-METHYL-4-(1-METHYLETHYL)-XABICYCLOE								T			T	T							
474	XCAFFEINE								P	P		P	P							
475	2-METHYL VALERIC ACID										T	P	P	P	P	P				
476	1-(4,5-DIETHYL-2-METHYL-1-COPENTEN-1-										T		P							
477	FENCHONE											P	P							
478	3-OCTENOIC ACID												P							
479	1-PHENYLBUTYRIC ACID												P							
480	2-HYDROXYTETRADECANOIC ACID												T							
481	3-METHYLPHTHALIC ACID												T							
482	4-METHYL-3-PENTENAL												T							
483	XCINEOLE												T							
484	3-ETHOXY-3-METHYL-2-BUTANONE												T							
485	ISOPROPENYLBENZENE												T							
486	6-METHOXY-2-HEXANONE												T							
487	2,4-HEPTANEDIONE												T							
488	2-CYCLOOCTYL-2-PROPANOL												T							
489	METHYL 2,2,3-TRIMETHYLCYCLOTYL KETONE												T							
490	THIOHEXANOIC ACID, S-BUTYL ESTER												T							
491	3-ETHOXY-3-METHYL-1-BUTYNE												T							
492	5-(PENTYLOXY)-2-PENTENE												T		T		T			
493	2-ETHYL-3-METHYLOXETANE												T		T					
494	2-METHYL-2-PROPYL-1,3-DIOXOLANE												T							
495	2-ETHYL-1,3,2-DIOXABOROLANE												T							

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

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ID MODE OR CONC.(NG/L)

	COMMON NAME	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
496	BORNYL 2,5-DIKETONE											T							
497	7,7-DIMETHYL-11-DODECEN-2-ONE											T							
498	METHYL 9-OXODECANOATE											T							
499	CYCLOOCTANEPROPANOL											T							
500	CYCLOHEXYL METHYL KETONE											T							
501	P-ISOPROPYLBENZALDEHYDE; CUMIALDEHYDE											T							
502	2,3 5,6-DI-O-ISOPROPYLIDENEPHA-D-TALO											T			T				
503	1-TERT-BUTYL-4-ETHOXYBENZENE											T		T		T			
504	5-METHYL-1(3H)-ISOBENZOFURANONE											T							
505	[illegible]											[illegible]							
506	[illegible]											[illegible]				[illegible]			
507	[illegible]											[illegible]							
508	[illegible]											[illegible]				[illegible]			
509	[illegible]											[illegible]							
510	[illegible]											[illegible]							
511	[illegible]											[illegible]							
512	[illegible]											[illegible]							
513	[illegible]	P		T								[illegible]							
514	[illegible]	T									[illegible]					[illegible]	[illegible]		
515	[illegible]		P				[illegible]				[illegible]					[illegible]			
516	[illegible]		P				[illegible]				[illegible]	[illegible]							
517	[illegible]				P		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
518	[illegible]						[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
519	[illegible]						[illegible]				[illegible]	[illegible]							
520	[illegible]							[illegible]			[illegible]								
521	[illegible]							[illegible]	[illegible]		[illegible]				[illegible]		[illegible]		
522	[illegible]							[illegible]			[illegible]								
523	[illegible]									[illegible]	[illegible]	[illegible]							
524	[illegible]										[illegible]	[illegible]							
525	[illegible]										[illegible]	[illegible]							
526	[illegible]										[illegible]								
527	[illegible]										[illegible]		[illegible]		[illegible]				
528	[illegible]										[illegible]								
529	[illegible]										[illegible]								
530	[illegible]										[illegible]								
531	[illegible]										[illegible]								
532	[illegible]										[illegible]								
533	[illegible]										[illegible]				[illegible]				
534	[illegible]										[illegible]								[illegible]
535	[illegible]										[illegible]								
536	[illegible]										[illegible]								
537	[illegible]										[illegible]								
538	[illegible]										[illegible]								
539	[illegible]										[illegible]								
540	[illegible]										[illegible]					[illegible]			

(continued)

TABLE 4. (continued)

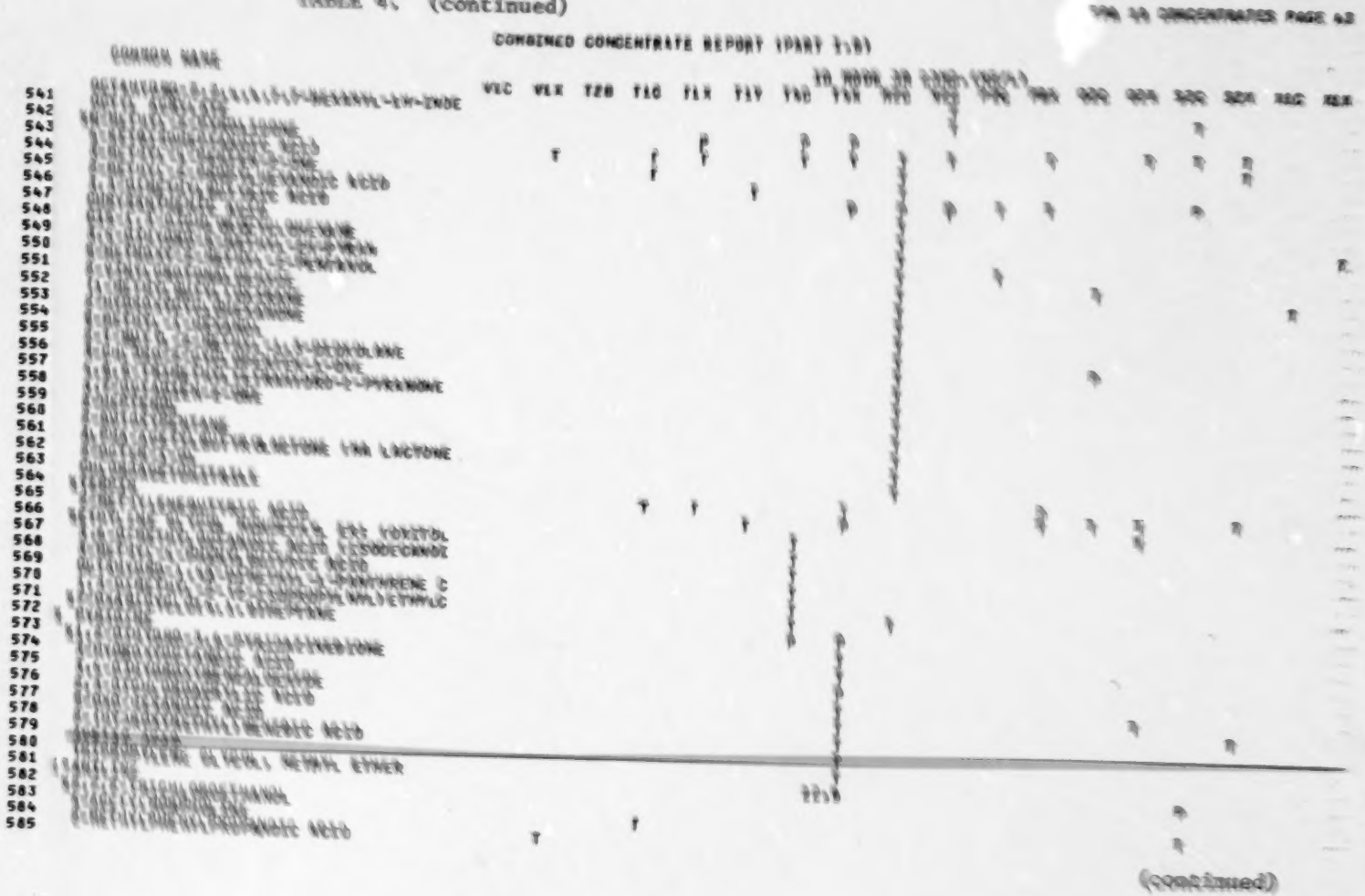

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART 1.B)

No.	COMMON NAME	*	VIC	VIX	T2B	T1G	T1X	T1Y	T1U	TAX	...	SOA	SGC	SOA	SOC	SDA	ALC	ALX
586	[illegible]-BUTANOL																	
587	[illegible]			T														
588	[illegible]-PENTENOIC ACID																	
589	[illegible] ACID																	
590	[illegible] ACID																	
591	[illegible]-1-ONE																	
592	[illegible]																	
593	[illegible] ACID																	
594	[illegible]																	
595	[illegible]-PADIENOIC A																	
596	[illegible]-4-ONE																	
597	[illegible]																	
598	[illegible] ACID																	
599	[illegible] ACID																	
600	[illegible] ACID																	
601	[illegible] KETONE																	
602	[illegible]																	
603	[illegible]-HEXANOL																	
604	[illegible]																	
605	[illegible]																	
606	[illegible]PENTENE																	
607	[illegible]																	
608	[illegible]																	
609	[illegible]HEXENE																	
610	[illegible]																	
611	[illegible]																	
612	[illegible]-2-BUTANONE																	
613	[illegible]																	
614	[illegible]-2-CARB																	
615	[illegible]																	
616	[illegible]																	
617	[illegible] ESTER																	
618	[illegible]																	
619	[illegible]																	
620	[illegible]																	
621	[illegible]																	
622	[illegible]-DIONE																	
623	[illegible]																	
624	[illegible]-PENTENOIC ACID																	
625	[illegible]																	
626	[illegible]																	
627	[illegible]NAPHTHALENE																	
628	[illegible]																	
629	[illegible]																	
630	[illegible]-BUTANONE		A	P														

* S[illegible] LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

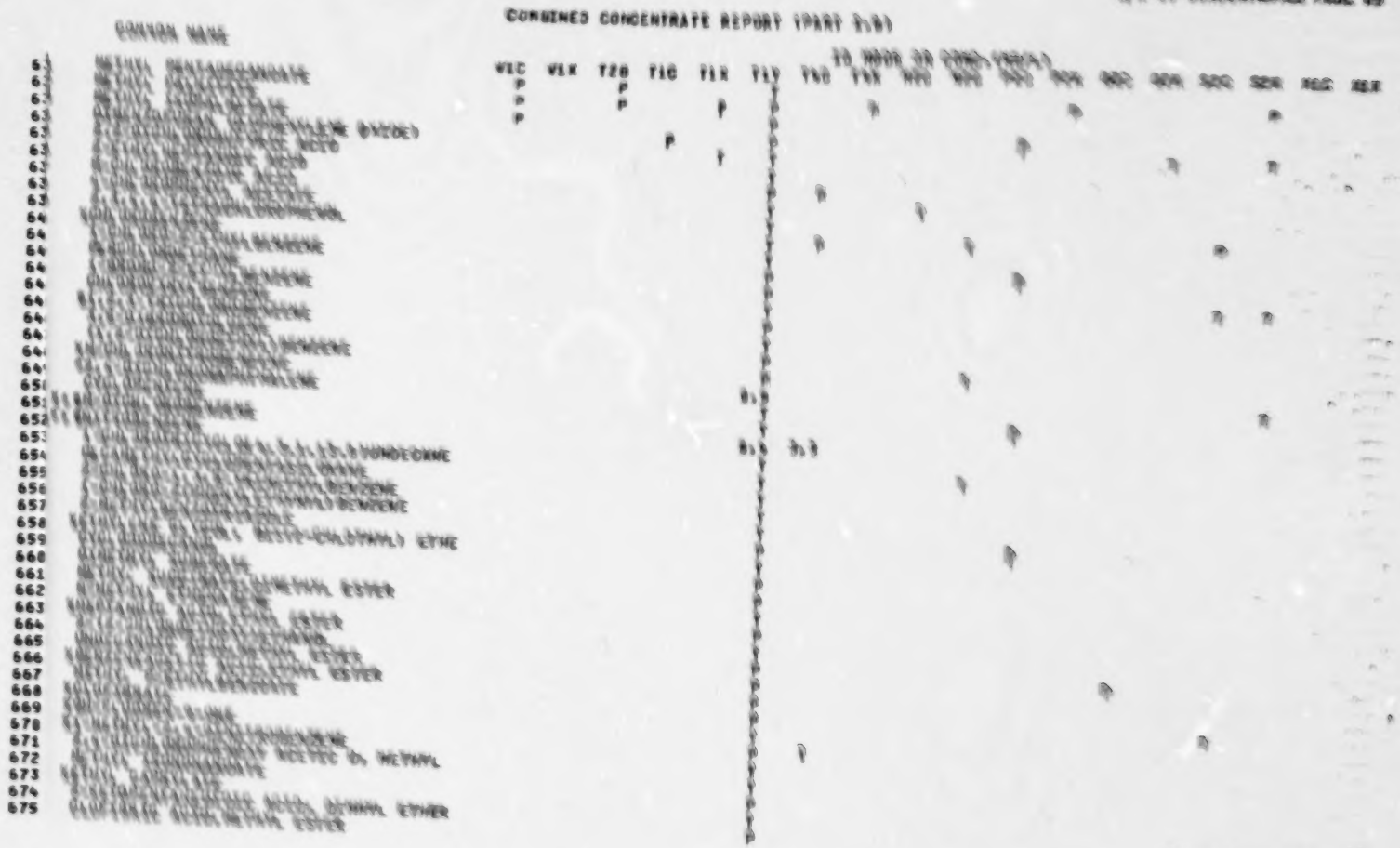

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2G	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
676	METHYL ISOTRIDECANOATE							T												
677	ETHYL 7-METHYLMYRISTATE							T												
678	METHYL PENTACOSANOATE							P												
679	1-HEXANOL		P				T													
680	XHEXYL METHYL KETONE			T			T			T							T			
681	2,5-HEXANEDIOL				T	T	T													
682	5-HEXEN-2-OL				T	T	T				T									
683	XN-AMYL ALCOHOL					P	T					T								
684	XNICOTINE					P	T		P						T		T			
685	3-METNYL-4-HEPTANONE					P	P		P	P						P		P		P
686	2-DODECANOL						T	P												
687	2-HYDROXY-6-METHYLBENZOIC ACID					T						T			T					
688	4-OXO-NONANOIC ACID					T			P			T								
689	2-BROMO-1,2-DICHLOROPROPANE					T						T								
690	1-BROMO-2,3-DICHLOROPROPANE					T							P			P				
691	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL					T			T						P					
692	TRIPROPYLENE GLYCOL					T														
693	BUTYLBENZYLPHTHALATE					T														
694	XZ,6-LUTIDINE					P														
695	XZ,4-LUTIDINE					P			P											
696	2,3-LUTIDENE					P			T											
697	2,4,6-COLLIDINE					T			T											
698	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE					P														
699	2-PHENYL ACROLEIN					T														
700	1-METHYLISOQUINOLINE					T														
701	2-3-DIMETHYL QUINOLINE					T														
702	X+PHENANTHRENE					T														
703	X$DICYCLOHEXYL PHTHALATE		P	P	P	P	P													
704	1,2-DIHYDRO-4-PHENYLNAPHTHALENE		P	P							P	P								
705	M-DIETHENYLBENZENE			T					T	P				P						
706	1-PHENYL-3-BUTEN-2-ONE	A		P	T															
707	3-7,11-TRIMETHYL-3-DODECANOL	a		T						T				T						
708	XCETYL ALCOHOL				T															
709	2,2#-BI-1,3-DIOXOLANE				T															
710	N-PROPOXY ETHANOL				T				T											
711	2-METHYLCYCLOPENTANONE				T								T							
712	PHOSPHORIC ACID																			
713	0-ALLYLTOLUENE																			
714	P-ETHYL-ISOPROPYLBENZENE	a		T	T										T					
715	M-ETHYLISOPROPYLBENZENE	A		T						T										
716	(1,1-DIMETHYLPROPYL)BENZENE	A		T						T				T	T					
717	1-METHYL INDAN	A		T						T				T						
718	1-ETHYL INDAN			T						T										
719	1-METHYL-1,2-DIPHENYLETHANE	A		T								T								
720	HEXAN-3-ONE	A		T																

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4K	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
721	6-METHYL TETRALIN											T		T		T				
722	2,3,4-TRIMETHYLBENZOIC ACID												T		T					
723	2-METHYL-2-NONEN-4-ONE												T		T					
724	XCHLOROACETIC ACID												T		T					
725	P-DIISOPROPYL BENZENE												T		T					
726	1-HEPTENYLBENZENE													P	T	P		T		
727	2,3,6-TRIMETHYL BENZOIC ACID													T	T		T			
728	3-METHYL-2,2-DIOXIDE-1H-2,1BENZOTHIAP													T		T				
729	XCHLOROACETONE														T					
730	ISOPROPYL ACETATE														T					
731	.BETA.-OXO-BENZENEACETIC AC ETHYL EST														T					
732	1,3-DIHYDRO-2,2-DIOXIDE-2,1BENZOTHIAD														T					
733	METHYLISOBUTYL BENZENE														T					
734	SEC-BUTYL ALCOHOL														T					
735	3,5,5-TRIMETHYL-2(5H)-FURANONE														T					
736	2-PROPYLCYCLOHEXANONE														T	T				
737	~~XCHLORDANE~~														T					
738	5-METHYL-5-PHENYL-2-HEXANONE														T					
739	TETRAMETHYLBENZENE PROPANOIC ACID														T	T				
740	2,2-DIMETHYLPROPANOIC ACID,4,6-TRIMET														T					
741	6-UNDECANONE														T					
742	2,6-DIMETHYLCYCLOHEXANOL														T					
743	HEXAHYDRO-3-(2-PROPENYL)-2HEPIN-2-ONE														T					
744	1(2,6-DIHYDROXY-4-METHOXYPHL)ETHANONE														T					
745	XMANDELIC ACID															T				
746	(2-CHLORO-2-PROPENYL)OXYBENZENE															T				
747	DECYL VINYL ETHER															T				
748	.ALPHA.-HYDROXY-.ALPHA.-MET BENZENE A	a														T				
749	4-BUTYL-1,3-CYCLOPENTANEDIONE															T				
750	PHTHIOCOL															T				
751	P-ISOBUTYLTOLUENE															T				
752	XORCINOL															T				
753	DIBUTYL-3-METHYLGLUTARATE															T				
754	7-METHYL-7-HEPTADECANOL															T				
755	CYCLOHEXYL CHLORIDE															T				
756	1-PHENYLNAPHTHALENE															T				
757	2-PHENYLNAPHTHALENE	A	P								P	T						P	P	
758	2-ETHYL TETRALIN	A	P										P			P				
759	X2-METHYLANTHRAQUINONE	A	T										T							
760	4-METHYL INDAN	a	T						T				T			T				
761	BENZILIDENEACETONE	A	T	T									T							
762	2,4-DIMETHYL-1-SEC-BUTYLBENZENE	A	T						T				T				T			
763	~~TERPIN~~ SEE NO. 565	A											T			T				
764	4-ETHYLBENZYL ALCOHOL								T				T		T	T				
765	VERATRALDEHYDE	a							T				P							
													T			T				
													T				T			

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

CONBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR COND.(NG/L) V1C	V1X	T2B	T1C	T1X	T1V	T4C	T4X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
766	1,3-DIMETHYNAPHTHALENE	A												P						
767	(2-METHYL-1-PROPENYL)BENZENE	A												T	T	T		T		
768	P-DIPROPYLBENZENE	A												T						
769	(1,1-DIMETHYLBUTYL) BENZENE	A												T		T				
770	XAZULENE	a												T				T		
771	1-METHYLFLUORENE	a												T						
772	5-METHYL-2-HEXANOL													T						
773	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE													T						
774	OCTAHYDROINDENE	a												T		T				
775	TRIETHYLENE GLYCOL, DIMETHYL ETHER													T				T		
776	XSO-XYLENE				P				P				P	T			P	P		
777	BUTYL FORMATE				T						P	P	P		P					
778	IODOCYCLOHEXANE												P			P				
779	2,2-DIMETHYLSUCCINIC ACID										P	P	P		P					
780	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN												P							
781	4-HYDROXY-3-METHYL-2-(2-PROYL)-2-CYCL												P							
782	OCTAHYDRO-4A,5-DIMETHYL-3-IROPYL-2(1H												P							
783	2,4-DIMETHYL-2-PENTANOL												P							
784	O-FENCHONE												P							
785	1,2-DIMETHYL-3-ISOPROPENYLCYOPENTANOL												P							
786	4,8-DIMETHYL-7-NONEN-2-ONE												P				P			
787	MENTHONE												P							
788	DICYCLOHEXYLADIPATE												P				T			
789	2-METNYL-1-PENTEN-3-ONE												P							
790	2,2-DIMETHYL-3,5-DECADIENE												P							
791	2,4,6-TRICHLOROANILINE												P							
792	2,6-DI-T-BUTYL-P-BENZOQUINONE	P			P				P				P							
793	2,4-DICHLOROBENZOIC ACID	P	T		P				P		P		P				P	P		
794	2,4-DIMETHYL HEXANOIC ACID		P			P					P		P				P			
795	1-ETHYL-3-METHYL BENZENE						T				P						P			
796	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE						T				T									
797	1,2,3-TRIMETHYL BENZENE								P		P		P		P					
798	1-(3,3-DIMETHYLOXIRANYL)ETHANONE								P		P		P	P			P			
799	2,2-DIMETHYL BUTYRIC ACID								T								P			
800	2-ETHYLBUTYRIC ACID									P							T			
801	4,4-DIMETHYL-1,3-DIOXANE										T						T			
802	X3,4-DICHLOROPHENOXYACETIC ACID																			
803	DODECAMETHYLCYCLONEXASILOXANE																			
804	X2,6-DIMETHYLNAPHTHALENE																			
805	XO-CHLORONITROBENZENE																T			
806	XMESITYLENE																			
807	1-(DICHLOROMETHYL)-4-ETHYLBENZENE																			
808	1,1-DIBUTOXY-BUTANE												P				P	P		
809	CIS-9-OCTADECENAMIDE																			
810	X*TRIPHENYL PHOSPHATE																			
											3.1									

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) VLC	VLX	Y2B	Y1C	Y1X	Y1Y	Y4C	Y4X	N2C	N2D	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
811	3,3,5-TRIMETHYCYCLOHEXANONE											T								
812	4-ISOPROPYLACETOPHENONE											T								
813	2-METHYL-3-OXOHEXANOIC ACIDETHYL ESTER											T					P			
814	3-OCTANONE											T								
815	DIAMYLPHTHALATE											T	P	P			T			
816	4,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ON											P								
817	X-O-CHLOROTOLUENE											T								
818	1,1,2,3-TETRACHLOROPROPANE							2.0	1.6		1.2						0.1	0.2		
819	ETHYL BUTYL KETONE								P		P	P	P				P	T	P	
820	XM-AMINOACETOPHENONE								T		T				T		T	P		
821	ALPHA-CHLOROPROPIONIC ACID									T	T									
822	2,3-DIMETHYL-2-PENTANOL										P									
823	3-CHLORO-2-METHYL-1-BUTENE										T									
824	2,3-DICHLOROISOBUTANAL										T									
825	1-CHLORO-3-(CHLOROMETHYL) BENZENE										T									
826	1,4-DIHYDRO-1-METHYL-4-OXOTINONITRIL										T									
827	2,4,4-TRIMETHYL-2-PENTENAL										T									
828	1-METHYL-4-ISOPROPYL-1,2-CYHEXANEDIOL										T									
829	X3-METHYL-1-BUTANOL ACETATE										T									
830	TIGALDEHYDE										T									
831	TRIMETHYLOXIRANE										T						T			
832	1-HYDROXY-3-METHYL-2-BUTANONE										T		T				T			
833	CIS-2,3-EPOXYHEXANE										T						T			
834	2,4-DIMETHYLPENTANAL										T									
835	CYCLOHEXYL ETHER										T									
836	3-ETHYL-2,2-DIMETHYLOXIRANE										T						T			
837	4-HYDROXY-3-METHYL-2-BUTANONE										T									
838	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE										T						T			
839	3-HYDROXYBENZALDEHYDE										T									
840	2,2-DIETHOXYETHANOL			T						P										
841	6-ETHYL TETRALIN			T						T										
842	ALPHA-PICOLINE	A		T						P										
843	2-HYDROXY-3,5,5-TRIMETHYL-2CLOHEXENE,				P				T				T		T					
844	3,3-DICHLORO-2-PROPENOIC ACID					T			T	T										
845	2-PHENYLPROPIONIC ACID						T		T	T			T		T					
846	BETA,BETA-DIMETHYLPHENYLACETIC ACID								P	P										
847	3-PHENYL PENTANOIC ACID								T											
848	3-HYDROXYCAPRIC ACID								T											
849	$D1-N-PROPYL PHTHALATE								P											
850	1-ALLYLNAPHTHALENE								T											
851	2-METHYLFURAN								T	T										
852	N-PHENYL ACETAMIDE								T											
853	XTRIS-B-CHLOROETHYL PHOSPHATE								T	T							T		T	
854	BIS(2-ETHOXYETHYL)ETHER								P											
855	N,N-DIMETHYLBENZYLAMINE								T											
									P	P						T				

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

EPA 15 CONCENTRATES PAGE 58

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
856	TETRAETHYLENE GLYCOL DIMETHYLETHER							P	P										
857	TETRAPROPYLENE GLYCOL METHYL ETHER							T											
858	4-CHLOROCROTONIC ACID								T										
859	XSACCHARIN								P				T						
860	M-DI-SEC-BUTYLBENZENE								T							T			
861	P-DI-SEC-BUTYLBENZENE								P										
862	X2-METHYL-2-PHENYLOXIRANE								T										
863	6,6-DIMETHYL-2,5,10-UNDECANETRIONE								T										
864	2-METHYL-2-CYCLOPENTEN-1-ONE								T										
865	3,4-DIMETHYLBENZALDEHYDE								T										
866	3-BROMOHEPTANE								T							T			
867	M-BENZOYL-L-ALANINE, METHYL ESTER								T					T		T	T		
868	1-HEPTADECANOL	T					T								T				
869	1,1,2-TRICHLORO-1-PROPENE			T															
870	3-METHYL-2-HEPTANOL				T											T			
871	X*O-CHLOROANILINE									P	T					T			
872	2-ETHYLACETOACETIC ACID							T									T		
873	TRIDECYLIC ACID							1.6	3.9							T			
874	5-METHYL-3-HEXEN-2-ONE												T	T		3.1			
875	4,4-DIMETHYLHEXANAL													P		T			
876	TETRAHYDRO-2H-PYRAN-2-ONE													T		P			P
877	2-DECANOL														T	T			
878	XP-TERT-BUTYL PHENOL															T			
879	2,5-DICHLORO-4-METHYLBENZOIC ACID															T			
880	1-NAPHTHOIC ACID															T			
881	2-CHLORO-3-METHYL-2-BUTENE															P			
882	*+$PENTACHLOROBIPHENYL + OTHER PCBS															T			
883	2,4-DICHLOROPENTANE															P			
884	3,6-DIMETHYL-3-HEPTANOL															T			
885	1-ETHOXY-2-HEPTANONE															P	8.3		
886	3-CYCLOHEXYL-4-PENTEN-2-ONE															T			
887	3-METHYL-1,2,4-CYCLOPENTANETRIONE															T			
888	3-ETHOXYPROPANAL															T			
889	1-(1-CYCLOHEPTEN-1-YL)ETHANONE															T			
890	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE															T			
891	XBETA-CITRONELLOL															T			
892	3-ETHYL-4-METHYL-3-PENTEN-2-ONE															T			
893	4,4-DIMETHYLCYCLOHEXENE															T			
894	1-NITRO-2-OCTANONE															T			
895	~~2,3,3-TRIMETHYLHEXANE~~															T			
896	5,5-DIETHOXY-3-PENTYN-2-ONE															T			
897	3-ALLYL-2,4-PENTANEDIONE															T			
898	2,2-DIMETHYL-3-PROPYLOXIRANE															T			
899	7-METHYL-3-OCTEN-2-ONE															T			
900	MENTHYL ACETATE															T			

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
901	3-METHYL-3-DECEN-2-ONE															T			
902	6-METHYL-3(2H)-BENZOFURANONE															T			
903	DI-SEC-BUTOXYMETHANE															T			
904	XANTHENE															T			
905	6-DODECANOL															T			
906	2-METHYL-2-HEXANOL															T			
907	5-METHYL-3-METHYLENE-2-HEXANONE															T			
908	CYCLODECANOL															T			
909	1-(ETHNYLOXY)PENTANE															T			
910	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE															T			
911	PHENYLBUTANAL															T			
912	CIS-5-BUTYLDIHYDRO-4-METHYL3H)-FURANO															T			
913	2,6-DIISOPROPYLPHENOL															T			
914	ALPHA-FARNESAL															T			
915	3A,4,5,7A-TETRAHYDRO-4-HYDR-3A,7A-DIM															T	T		
916	BUTYL CYANATE															T			
917	ETHYL AMYL KETONE															T			
918	3,6-NONADIEN-2-ONE															T			
919	3A,4,7,7A-TETRAHYDRO-2-PROP1H-ISOINDO															T			
920	2-HEXEN-1-OL															T			
921	ISOCYANOETHANE															T			
922	4-PENTEN-2-OL															T			
923	3-CHLORO-3-BUTEN-2-ONE															T			
924	(2-(PENTYLOXY)ETHYL)CYCLOHEXANE															T			
925	DIMETHYLSULFONE															T			
926	2,4-DI-TERT-BUTYLPHENOL															T			
927	2-CHLORO-2-PROPENOIC ACID															T			
928	BETA-RESORCYLIC ACID															P			
929	XP-NITROBENZOIC ACID															T			
930	~~HEPTANE~~																T		
931	TETRAHYDROFURFURYL ALCOHOL; THFA																T		
932	LOLIOLIDE																T		
933	X*+$FLUORANTHENE																T		
934	METHYL HEPTADECANOATE	8.3					8.9	8.1	8.1	8.3			3.7				T		
935	XPROPIOPHENONE	P					P										T		
936	(1-NITROETHYL)BENZENE		P				T										8.8		
937	2,3,4,5-TETRACHLOROANILINE		T				T								T				
938	$O-CHLOROPHENOL				T		T			T									
939	2-METHYL-1-NAPHTHALENOL						T												
940	2,3-DICHLOROBUTENE						P												
941	1-BROMO-2-CHLORO-2-BUTENE						T												
942	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE						T												
943	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE						T												
944	X+9H-FLUORENE						T												
945	P-BROMOTOLUENE						P												
							T												

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID NODE OR CONC.(NG/L)																	
		* V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
946	1,2-DICHLORO-3-NITROBENZENE						T												
947	2-CHLORO-P-CYMENE						T										T		
948	2-CHLORO-1-(4-ETHYLPHENYL)-ETHYL-1-PR						T												
949+X*	$LINDANE						T								T				
950	METHYL DICHLOROACETATE						0.8				0.4					1.5	0.8		
951	XURETHANE (ETHYLCARBAMATE)						P									T			
952	4-CHLOROPHENYL ACETIC ACID,THYL ESTER						T		P						T				
953	METHYL ANTEISOPENTADECANOATE						T												
954	P-CHLORO-2-NITROANILINE						P												
955	2,4-D, ETHYL ESTER						T												
956	ALPHA-KETOGLUTARIC ACID						T												
957	METHYL PROPENYLOXY KETONE					T													
958	4-HYDROXY-4-METHYLCYCLOHEXANONE					T													
959	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE					T													
960	XETHYLENE GLYCOL					T								T	T				
961	GAMMA-PICOLINE					P		T											
962	2,5-LUTIDINE					P													
963	2,3,6-TRIMETHYLPYRIDINE					T													
964	5-ETHYL-2-PICOLINE					T													
965	2,3,4-TRIMETHYLPYRIDINE					T													
966	2,4,5-COLLIDINE					T													
967	2-ETHYL-6-PICOLINE					T													
968	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE					T													
969	ISOVALERAMIDE					T													
970	XQUINOLINE					*													
971	XQUINAIDINE					*		P											
972	DIPROPYLENE GLYCOL					T			P										
973	2-(1-METHYL-2-PIPERIDINYL)-PYRIDINE					T													
974	METHYLOCTADEC-10-ENOATE	T		T															
975	METHYL-9,11-OCTADECADIENOATE	P		T															
976	2-METHYL TETRALIN	A	T										T		T				T
977	3-METHYL INDENE	A	T																
978	DIMETHYL NAPHTHALENE	A	P																
979	3-ETHOXYPROPIONITRILE		T																
980	(2-PHENYLETHYL)ACETATE		T																
981	2-XYLYLETHANOL		T																
982	XCINNAMALDEHYDE		T						T										
983	ACETYL BIPHENYL		T													T			T
984	4-OCTANONE		T												T				
985	3-BUTEN-2-OL			T															
986	8-ETHYLSTYRENE	A		T					T		T								
987	1-HEPTADECENE			T															
988	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE			P					T						T		T		
989	DODECANAMIDE			T											T				T
990	METHYL-2,3-DIMETHYL BENZOATE			T															

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4K	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
991	METHYL-11-OCTADECENOATE				T				P								P		P	
992	METHYL-9,12,15-OCTADECATRIENOATE				T				T										T	
993	%N,4-DIMETHYLBENZENESULFONAMIDE				T														T	
994	3-METHYL-1-PENTANOL				P														P	
995	%+ACENAPHTHALENE				T														T	
996	OCTADECANOL								P										T	
997	ANTEISOHEPTADECANOIC ACID								T										T	
998	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECA																		T	
999	1-(2-PROPENYLOXY)HEPTANE																		T	
1000	6-NONENE-2-ONE																		T	
1001	N-PROPYL-1-HEXANAMINE		T																T	
1002	PHENYLCYCLOHEXANE	A		P						P				P	T		P			P
1003	ETHYLVALERATE			T											T					
1004	%ETHYL HEXANOATE			T											T					
1005	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	A		T						T				T			T			T
1006	DIETHYL TOLUENE	A		T	T							T			T					
1007	1,6-DIMETHYL DECALIN				T										T					
1008	%M-TOLUQUINONE					P			T						T		P			
1009	4-METHYLCYCLOHEXANE CARBOXYLIC ACID								P		P	P	P		P					
1010	PSEUDOCUMENE									T					T		T			
1011	ACETOACETIC ACID									T					T					
1012	1,4-DIMETHYL-2-ISOBUTYL BENZENE	A								T						T				
1013	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE									T						T				
1014	5-METHYLFURFURAL									T						T				
1015	1,1-DIMETHYL INDENE									T					T					
1016	2-PENTENOIC ACID												T		T		T			
1017	4-OCTENOIC ACID													T		T				
1018	%N-UNDECYLIC ACID														T					
1019	CLOFIBRIC ACID, M-CHLORO ISOMER														P					
1020	7-OXO-OCTANOIC ACID														P					
1021	1,2,3,3A-TETRAHYDRO AZULENE														T					
1022	~~2,6-DIMETHYLOCTANE~~														T					
1023	7-OCTEN-2-ONE														T					
1024	6-METHYL-BICYCLO(4.1.0)HEPTANONE														T					
1025	%FURFURAL														T					
1026	6-METHYL-3,5-HEPTADIEN-2-ONE														T					
1027	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE														T					
1028	%DIETHYL SULFITE														T					
1029	~~4,3,4-TRIMETHYL-CYCLOHEXANE~~														T					
1030	3-ISOPROPYL-2,4-PENTANEDIONE														T					
1031	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE														T					
1032	2-METHLY-5-ISOPROPYLCYCLOHEXANONE														T					
1033	2-BUTYL-2-OCTENAL														T					
1034	3,3-DIMETHYL-2(3H)-FURANONE														T					
1035	3-HYDROXY-2,4-PENTANEDIONE,BENZOATE														T					

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1036	2,2-DIMETHYLHEXANEDIOIC ACIDIMETHYL E													T					
1037	VINYL CHLORIDE														T				
1038	XCROTONIC ACID														T				
1039	3-PENTENOIC ACID														T				
1040	XOXALIC ACID														P				
1041	7-NONENOIC ACID														T				
1042	1-ETHYL-2,3-DIMETHYL BENZENE														T				
1043	(1-ETHYL-2-PROPENYL)-BENZENE														T				
1044	2,6-DIMETHYLSTYRENE														T				
1045	BIS(3-METHYLPHENYL)METHANONE														T				
1046	1-ACETYLPIPERIDINE														T				
1047	CIS-2,3-DIHYDRO-2-METHYL-1HDENE-1,2-D														T				T
1048	2,3-DIHYDRO-3,3-DIMETHYL-1H-IDEN-1-OL														T				
1049	5-ETHENYL TETRAHYDRO-.ALPHAALPHA.,5-T														T		T		
1050	1-(1-CYCLOHEXEN-1-YL)ETHANONE														T				
1051	M-MENTH-1(7)-ENE (R)-(-)														T				
1052	1,7,DIHYDRO-2-(METHYLAMINO)-PURIN-GON														T				
1053	1-ALLYLBENZENE														T				
1054	2(3H)-BENZOTHIAZOLONE														T				
1055	XP-TOLUQUINONE														T				
1056	4-METHYLPHENANTHRENE														T				
1057	3+,4+-DIHYDROXYACETOPHENONE		T												T				
1058	TRANS-3-METHYL-3-PENTENOIC ACID		T										T						
1059	5-ETHYLDIHYDRO-2(3H)-FURANONE												T						
1060	O-CRESOTIC ACID												T						
1061	PHLOROL												T						
1062	2,3-DIMETHYL TETRALIN												T				T		
1063	OCTYL BENZENE												T						
1064	2,4,5-TRIMETHYLBENZALDEHYDE												T			T			
1065	3-METHYLSTILBENE												T				T		
1066	BENZIL												T						
1067	2-(1-(2-METHOXYETHOXY)ETHOXY)ETHANOL												T						
1068	XP-CYMENE (P-ISOPROPYL TOLUENE)												P						
1069	1,1,2,3,3-PENTACHLOROPROPANE				P								P						
1070	XDMF (DIMETHYLFORMAMIDE)							P		P	T	P			P	P	P		
1071	1,6-DIMETHYLNAPHTHALENE									P		P			P				
1072	5-METHYL TETRALIN											P			P				
1073	2-PROPYLHEPTANOIC ACID										T	P		P	P				
1074	X3,5-DICHLOROPHENOL										T	T	P						
1075	O-ISOPROPYLBENZOIC ACID											T							
1076	O-ETHYL TOLUENE											T							
1077	1-METHYL-2-CYCLOHEXEN-1-OL											T							
1078	TRI-N-PROPYLENE GLYCOL, METHYL ETHER											P	T			P			
1079	4-ETHYLPYRIDINE											T							
1080	X1,3,6-TRIMETHYL-2,4(1H,3H)-IMIDINEDIO											T							

(continued)

TABLE 4. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1081	%CAPRALDEHYDE												T							
1082	3',4'-DIMETHOXYACETOPHENONE												T				T			
1083	X*DIPHENYLAMINE									8.2		8.3	8.1				8.2	8.8		
1084	BUTYLATED HYDROXY TOLUENE (BHT)			P			P		P			T	P							
1085	%PHENYL ETHER								P			P	P							
1086	2-METHYL-3-PENTANONE											T								
1087	2-ETHYL PENTANOIC ACID											T								
1088	~~%DECANE~~											T		T						
1089	~~UNDECANE~~											T				P		P		
1090	1-ETHYL-3,5-DIMETHYL BENZENE											P	P				P			
1091	4-ETHYL-1,2-DIMETHYL BENZENE											P	P							
1092	ISODURENE											P								
1093	1,2-DIMETHYL INDAN											T	T							
1094	%1,4-DIMETHYLNAPHTHALENE											T								
1095	P-CHLORONITROBENZENE											P								
1096	2,3,6-TRIMETHYLNAPHTHALENE											T	P				T			
1097	1,6,7-TRIMETHYLNAPHTHALENE											T	P							
1098	1,4,6-TRIMETHYL NAPHTHALENE											P	P							
1099	5-CHLORO-2-METHYLBENZOFURAN											T								
1100	CIS-1,2,3-TRIMETHYL-4-PROPENAPHTHALEN											T								
1101	CHLOROFLUOROBENZENE											T								
1102	1,1,3-TRICHLORO-2-METHYL-1-PROPENE											T								
1103	PENTACHLOROBENZENE											T								
1104	2-T-BUTYL NAPHTHALENE											T								
1105	~~DECYLBYDLOHEXANE~~											T								
1106	4-PHENYLBICYCLOHEXYL											T								
1107	%**$HEPTACHLOR											T					T			
1108	NITROCYCLOHEXANE											8.2								
1109	2,6-DIMETHYLCYCLOHEXANONE											T								
1110	METHOXYCYCLOHEXANE											T								
1111	3-ETHYLHEXANOIC ACID										T									
1112	P-ETHYL TOLUENE										T									
1113	ACETOIN										P				T					
1114	2-METHYL-2-ISOPROPYL-1,3-DIOXOLANE										T						T			
1115	4-PHENYL PENTANOIC ACID										T									
1116	DIMETHYL ISOPROPYL BENZENE								P											
1117	4-HYDROXY-4-METHYL-2-PENTANONE								T											
1118	1-INDANONE								T											
1119	2,2'METHYLENEBIS(6-(1,1-DIMYLETHYL)-4								P											
1120	DIMETHYL INDAN								T											
1121	2,4,6-TRIMETHYLBENZALDEHYDE									T										
1122	M-ANISALDEHYDE	a								T										
1123	DIBROMOCYCLOHEXENE									T					T			T		
1124	META-CYMENE (M-ISOPROPYL TOLUENE)									T										
1125	2-KETO-3-METHYL VALERIC ACID													P			P			
																	T			

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2G	P2C	P2X	02C	02X	S2C	S2X	X1C	X1X
1126	5-HEXENOIC ACID															T			
1127	2,6-DIMETHYLHEPTANOIC ACID															T			
1128	3,3-DIMETHYLBUTYNE															T			
1129	SEC-ISOAMYL ALCOHOL															T			
1130	7-OCTEN-4-OL															T			
1131	2-METHYLCYCLOPENTANOL ACETATE															T			
1132	2,4-DIISOPROPYLPHENOL															T			
1133	ETHYL 4-HYDROXYPHENYLACETATE															T			
1134	DIOCTYL AZELATE															T			
1135	TRIETHYLENE GLYCOL, PHENYL ETHER															T			
1136	2-ETHYL-3-PROPYLOXIRANE															T			
1137	DMU (DIMETHYL UREA)															T			
1138	P-(1-ETHYLPROPYL)TOLUENE															T			
1139	2-METHYL-1-DODECANOL															P			
1140	2-METHYLENE-1-BUTANOL ACETATE															T			
1141	TETRAHYDROFURFURYL ACETATE															T			
1142	5-METHOXY-2-PENTANONE															T			
1143	5-(ACETYLOXY)-2-PENTANONE															T			
1144	PINACOL															T			
1145	1,1-DIMETHOXYCYCLOHEXANE															T			
1146	METHYL 3,6-DIHYDRO-4,5-DIMEL-2H-PYRAN															T			
1147	5-NONANOL															T			
1148	1-TERT-BUTOXY-2-METHYLCYCLOHEXENE															T			
1149	8-ISOPROPYLACETOPHENONE															T			
1150	NONYLPHENOL															T			
1151	X2-FUROIC ACID															T			
1152	CROTONYLBENZENE															T			
1153	ALLYLACETONE																T		
1154	DIPROPYL CARBINOL																T		
1155	XGUAIACOL																T		
1156	SPIRODODECANE																T		
1157	1-PHENYL-1,2-PROPANEDIONE																T		
1158	FARNESOL																T		
1159	1-(BROMOMETHYL)-4-METHYLBENZENE																T		
1160	P-CHLOROANISOLE						T												T
1161	1,2,4,5-TETRACHLOROBENZENE						T												
1162	(1-CHLOROETHYL)DIMETHYLBENZENE						P												
1163	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE						T												
1164	1-(CHLOROMETHYL)NAPHTHALENE						T												
1165	*$TETRACHLOROBIPHENYL						T												
1166	*$PENTACHLOROBIPHENYL						T												
1167	3-HEXYL BROMIDE						8.4												
1168	1,1,2-TRICHLOROPROPANE						T												
1169	5,8-DIMETHYLQUINOLINE			T								T							
1170	2,3,5-COLLIDINE			T												T			
				T															

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4K	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1171	4-ETHYL-2,6-DIMETHYL PYRIDINE					T														
1172	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE					T														
1173	%2,4-DIMETHYLQUINOLINE					T														
1174	TRIETHYLENE GLYCOL N-BUTYL ETHER		T																	
1175	METHYL OLEATE		T																	
1176	1,2-BENZISOTHIAZOLE		P																	
1177	9,12-OCTADECADIENOIC ACID		T																	
1178	4-ETHENYL BENZOIC ACID	A		T																
1179	4-HYDROXYACETOPHENONE			T																
1180	2-HYDROXY DECANOIC ACID			P																
1181	%META-CRESOL			P																
1182	1-NAPHTHALENOL			T																
1183	DIETHYL PHENOL, (UNKNOWN ISOMER)			T																
1184	METHOXYBENZENE			P																
1185	2,2-DIMETHYL-1,1-BIPHENYL	A		P																
1186	ALPHA-HYDROXY-ALPHA-PHENYL NYL ACETIC			T																
1187	1-METHYL ANTHRACENE			T																
1188	4-METHYL-3-HEPTANONE			T																
1189	METHYL PROPIONATE			T																
1190	P-METHYL ACETOPHENONE			T													T			
1191	2#,4#,6#-TRIMETHYLACETOPHENONE	a		P																
1192	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE	a		T																
1193	2-ALLYL BENZOATE	A		T																
1194	1-METHOXYETHYLBENZENE	a		T																
1195	QUINOXALINE	a		T																
1196	ETHYL MARGARATE			T																
1197	BENZOPHENONE	A		P																
1198	%+PYRENE	a		T										P						
1199	NEOPENTYL ALCOHOL		P		P															
1200	2-ETHOXYBUTANE				T									P						
1201	HYDROGENATED ABIETIC ACID				T															
1202	1-ETHYL-METHYLCYCLOPENTANE				P															
1203	%$CUMENE				T															
1204	BENZALDEHYDEOXIME				T				P				P		P					
1205	METHYL PALMITOLEATE				T															
1206	6-PHENYL-2-HEXANONE				T															
1207	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL																			
1208	%ETHYL CAPRATE																		T	
1209	1,3-DIMETHYL-5-(1-METHYLETHYL-BENZENE			T															T	
1210	2,4-DIMETHYLISOPROPYLBENZENE								P						P					
1211	3-PHENYLPENTANE								T							T				
1212	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	a													T					
1213	$N-PROPYL BENZENE									T				T	T					
1214	1,3-DIMETHYL INDAN									T					T	T				T
1215	4,4-DIMETHYL-2-PENTENOIC ACID												P		P		T			
													T		T					
															T					

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1216	C6-BENZENE														T					
1217	2-METHYL-2-BUTENAL														T					
1218	3-FUROIC ACID																			
1219	TETRAHYDRO-3,6-DIMETHYL-2H-PYAN-2-ONE															T				
1220	2,3-DIMETHYL-1,4-HEXADIENE															T				
1221	2-METHYL-CYCLOHEXANEMETHANOL															T				
1222	%METHYLPHENYL CARBINOL															T				
1223	3,4-DIHYDRO-1(2H)-NAPHTHALENONE															T				
1224	PENTAMETHYLBENZENE															T				
1225	%ISOQUINOLINE															T				
1226	%+$DDE															T				
1227	2,4-DIMETHYLPENTANOL											0.1		P						
1228	3,3-DIMETHYLBUTANAMINE													T						
1229	2,7-DIMETHYL TETRALIN													T						
1230	2,4-DIMETHYLHEPTANE	a												T						
1231	2,6-DIMETHYLHEPTANE													P						
1232	2-(2-METHOXYPROPOXY)-1-PROPL (A DIPR													T						
1233	ETHYL BENZOPHENONE													T						
1234	2,4-DICHLOROANILINE	a												T						
1235	%3,4-DICHLOROANILINE								T				T							
1236	2-IODOPENTANE								T				T							
1237	2-METHYLTHIOPHENE												T							
1238	1,1,3-TRICHLORO-1-BUTENE												T							
1239	1-ETHYL-2,4-DIMETHYL BENZENE												T							
1240	1,6-DIMETHYL-4-ISOPROPYL TETRALIN												T							
1241	2-ETHYL-1,3-DIMETHYL BENZENE												T							
1242	TRIPROPYLENE GLYCOL, METHYLHER (ISOME												T					T		
1243	2-(METHYLTHIO)BENZOTHIAZOLE												T							
1244	NONANAL												T							
1245	INDAN												P				T			
1246	(3-METHYL-2-BUTENYL)BENZENE												P							
1247	1,4-DIHYDRO-2,5,8-TRIMETHYLNAHTHALENE											T					P			
1248	%+$HEXACHLOROBENZENE											T								
1249	1-METHYL-4-PROPYLBENZENE											T								
1250	3,3,3-TRICHLORO-2-METHYLPROPENE											0.3	0.8							
1251	COTININE										T						P			
1252	CYCLOHEPTANONE										T						T			
1253	BENZYLAMINE								T											
1254	2-METHYL-2,4-PENTANEDIOL									T										
1255	%+P-CRESOL									T										
1256	1,6-DICHLORO-1,5-CYCLOOCTADIENE		0.8	0.2					3.8	9.9										
1257	4,7-DIMETHYL INDAN												T					T		
1258	1,5,8-TRIMETHYL TETRALIN																P			
1259	BIS(CHLOROPHENYL)METHANE																T			
1260	DURENE																T			
																	P			

* SEE LAST PAGE OF TABLE

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID NODE BR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	M2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1261	CIS-4-PHENYLBICYCLOHEXYL															T			
1262	4-METHYLENECYCLOHEXANEMETHANOL															T			
1263	2,6,6-TRIMETHYL-BICYCLO(3.1HEPTAN-3-O															T			
1264	3-BUTYL-1,2,4-CYCLOPENTANETRIONE															T			
1265	%STYRENE GLYCOL															T			
1266	2-METHYL-5-UNDECANONE															T			
1267	(3,3-DIMETHYLCYCLOHEXYLIDENCETALDEHYD															T			
1268	P-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL															T			
1269	1,2,3,4-TETRAMETHYL BENZENE															T	T		
1270	1-ETHYL-1-METHYL INDAN																P		
1271	1-CHLOROTETRADECANE																T		
1272	1,1-DIPHENYLCYCLOHEXANE																T		
1273	BICYCLO(2.2.2)OCTANE-1,4-DI MONOACETA																T		
1274	4-METHYL BIPHENYL																T		
1275	ARACHIDYL ALCOHOL																	T	T
1276	2-METHOXY-1-PROPANOL	T																	T
1277	ISOMYRISTIC ACID	P																	
1278	ISOPENTADECANOIC ACID	P																	
1279	ABIETIC ACID	T																	
1280	DIDEHYDROGENATED ABIETIC ACID	T																	
1281	P-PHENYLACETOPHENONE	T																	
1282	M-METHOXYPHENYL ACETATE		T																
1283	METHYL 3-HYDROXYPHENYLACETATE		T																
1284	%2-METHYL ANTHRACENE		T																
1285	2-(PHENYLMETHYL) NAPHTHALENE		T																
1286	PHENYL P-PYRIDYL KETONE		T																
1287	7-ETHYLQUINOLINE		T																
1288	DODECYL PHENOL		T																
1289	DIMETHYL ETHYL BENZENE													T					
1290	1-PHENYL-2-CYCLOPENTEN-1-OL														T				
1291	O-TOLUALDEHYDE														T				
1292	2,3-BIS(METHYLENE)-BICYCLO(3.1)OCTANE												T						
1293	2,2-DIMETHYLHEPTANE												P						
1294	*2-METHYL STYRENE																		
1295	1-IODOPENTANE							0.1				0.1				0.1			
1296	2-ETHYL-1,4-DIMETHYL BENZENE											P							
1297	%INDENE											T				P			
1298	1,2-DIMETHYL INDENE											P							
1299	4,7-DIMETHYLBENZOFURAN											T							
1300	1,2-DIHYDRO-1,5,8-TRIMETHYLNAPHTHALENE											T							
1301	%*82-CHLORONAPHTHALENE											T							
1302	1,3,6-TRIMETHYLNAPHTHALENE											0.8							
1303	1,2,8-TRIMETHYLNAPHTHALENE (3,4,5-TR											T							
1304	1-ETHYL-3-METHYLCYCLOPENTANE											T							
1305	%+*2,4-DIMETHYLPHENOL (XYLENOL)							2.8	1.7			T							

(continued)

TABLE 4. (continued)

COMBINED CONCENTRATE REPORT (PART I.B) — EPA 18 CONCENTRATES PAGE 60

	COMMON NAME	*	ID MODE OR CONC.(NG/L) V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	V2C	P2C	P2X	O2C	O2X	S2C	S2X	X1C	X1X
1306	DIMETHYL ISOPROPYL BENZENE								T											
1307	COUMARONE								P											
1308	4,6-DIISOPROPYL-M-XYLENE								P											
1309	7-METHYLBENZOFURAN								T											
1310	TRICHLOROHEPTAFLUOROBUTANE								T											
1311	DIMETHYL ISOPROPYL BENZENE								T											
1312	1,2,3-TRIETHYLBENZENE								T											
1313	XBENZYL CHLORIDE									T										
1314	4-METHYLSTYRENE								P											
1315	2-PHENYLHEXANE																T			
1316	1,4,6-TRIMETHYL TETRALIN																T			
1317	4-ISOPROPYL-ALPHA-METHYL STYRENE																T			
1318	M-TERPHENYL																T			
1319	DECAHYDRO-1,4A-DIMETHYL-7-(ETHYLETHYL																T			
1320	1-CHLORO-4-(1-CHLOROETHENYL)CLOHEXENE																T			
1321	2,4,6-TRIMETHYLBIPHENYL																P			
1322	4-PHENYLBICYCLOHEXYL																T			
1323	2,4,5,7-TETRAMETHYLPHENANTHRENE																T			
1324	(1,1#-BICYCLOPENTYL)-2-ONE																T			
1325	O-TERT-BUTYLPHENOL																T			
1326	P-(1-ETHYL-1-METHYLHEXYL)PHL (A NONY																T			
1327	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL																T			
1328	ETHYL NONADECANOATE																P			
1329	5-DECANONE	A															T			
1330	ISOPALMITIC ACID																T			
1331	DIBROMOPHENOL		P															P		
1332	2-(4-METHYL-3-CYCLOHEXENYL)ISPROPANOL		T																	T
1333	1,2-CYCLOHEXANEDIOL		T																	
1334	BUTYL THIAZOLE		T																	
1335	2-HYDROXY-5-ISOPROPYL-2,4,6CLOHEPTATR		T																	
1336	ACETALDEHYDE DIETHYL ACETAL			T																
1337	7-METHYL-3(2H)-BENZOFURANONE			T																
1338	O-NITROTOLUENE			T																

* THE DESIGNATION A AND a DENOTE A COMPOUND THAT IS A PROBABLE OR POSSIBLE ARTIFACT DUE TO XAD-2 RESIN BLEED. SEE DISCUSSION IN TEXT IN VOLUME 1.

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TABLE 5. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN DW CONCENTRATES, SHOWING MOLECULAR WEIGHT AND FORMULA

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X 4BC N2C P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1	X+1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	84742	C16. H22. O4	278
2	X+NAPHTHALENE	91203	C10. H8	128
3	2-ETHYL-1,1#-BIPHENYL	1812517	C14. H14	182
4	XHEXADECANOIC ACID	57103	C16. H32. O2	256
5	X1-BUTANOL	71363	C4 . H10. O1	74
6	2-HYDROXY-2-METHYLPROPANOIC ACID	594616	C4 . H8 . O3	104
7	CIS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	41654035	C7 . H10. O4	158
8	1-(1-METHYLPROPOXY)-2-PROPANOL	53907952	C7 . H16. O2	132
9	XBENZOIC ACID METHYL ESTER	93583	C8 . H8 . O2	136
10	XCYCLOHEXANOL	108930	C6 . H12. O1	100
11	X1,2-BENZENEDICARBOXYLIC ACID, MONOBUTYL ESTER	131704	C12. H14. O4	222
12	1,2 5,6-BIS-O-(1-METHYLETHYLIDENE)-BETA-D-TALOFURANOSE	23262795	C12. H20. O6	260
13	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUCTOPYRANOSE	20880937	C12. H20. O6	260
14	2,3-DIMETHYLMALEIC ACID	1124136	C6 . H8 . O4	144
15	1,3-ISOBENZOFURANDIONE	85449	C8 . H4 . O3	148
16	XCYCLOHEXANONE	108941	C6 . H10. O1	98
17	XBENZOIC ACID	65850	C7 . H6 . O2	122
18	XTETRADECANOIC ACID	544638	C14. H28. O2	228
19	PENTADECANOIC ACID	1002842	C15. H30. O2	242
20	X#1,2-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL)ESTER	84695	C16. H22. O4	278
21	TRANS-2-METHYLCYCLOPENTANOL	25144041	C6 . H12. O1	100
22	2-METHYLBUTANOIC ACID	116530	C5 . H10. O2	102
23	2,2,4,4-TETRAMETHYL PENTANOIC ACID	3302123	C9 . H18. O2	158
24	XBUTANOIC ACID	107926	C4 . H8 . O2	88
25	HEPTADECANOIC ACID	506127	C17. H34. O2	270
26	1,2-DIMETHOXYPROPANE	7778850	C5 . H12. O2	104
27	2-HEPTENE	592778	C7 . H14	98
28	1,1-DICHLORO-2-PROPANONE	513882	C3 . H4 . O1 .CL2	126
29	3-ETHYL-4-METHYL-2,5-FURANDIONE	3552338	C7 . H8 . O3	140
30	2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE	80717	C6 . H8 . O2	112
31	4-(HEXYLOXY)-1-BUTANOL	4541133	C10. H22. O2	174
32	6-BROMO-2-HEXANONE	10226296	C6 . H11. O1 .BR1	178
33	XBROMODICHLOROMETHANE	75274	C1 . H1 .BR1 .CL2	162
34	XTRIBROMOMETHANE	75252	C1 . H1 .BR3	250
35	4-METHYL-2-PENTANOL	108112	C6 . H14. O1	102
36	X+#2,4,6-TRICHLOROPHENOL	88062	C6 . H3 . O1 .CL3	196
37	X+#1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	84662	C12. H14. O4	222
38	2,4,6-TRIBROMOPHENOL,	2001	C6 . H3 . O1 .BR3	328
39	2,3-DICHLORO-2-METHYLBUTANE	507459	C5 . H10.C_2	140
40	X9,10-ANTHRACENEDIONE	84651	C14. H8 . O2	208
41	7,7-DIMETHYL-2-OXOBICYCLO[2.2.1]HEPTONE-1-METHANE SULFONIC ACID	3144169	C10. H16. O4 . S1	232
42	3-METHOXY-3-METHYL-2-BUTANONE	36887986	C6 . H12. O2	116
43	4-HEXEN-3-ONE	2497214	C6 . H10. O1	98
44	X1,2,3-TRICHLOROPROPANE	96184	C3 . H5 .C_3	146
45	1-METHOXY-2-PROPANOL	107982	C4 . H10. O2	90

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X B2C B2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
46	3-HEXANOL	623378	C6 . H14. O1	102
47	X2-HYDROXYBENZOIC ACID	69727	C7 . H6 . O3	138
48	XOCTANOIC ACID	124072	C8 . H16. O2	144
49	XBENZENE ACETIC ACID	103822	C8 . H8 . O2	136
50	~~CIS-2,5-DIMETHYLBUTENEDIOIC ACID~~ SEE NO. 14	~~498241~~	~~C6 . H8 . O4~~	~~144~~
51	XNONANOIC ACID	112058	C9 . H18. O2	158
52	XOCTADECANOIC ACID	57114	C18. H36. O2	284
53	1,3,5-TRIMETHYL-1,3,5-TRIAZINE-2,4,6-TRIONE	827167	C6 . H9 . N3 . O3	171
54	2-PENTANOL	6032237	C5 . H12. O2	88
55	3-PENTEN-2-OL	1569592	C5 . H10. O1	86
56	2-METHYL-3-HEXANOL	617298	C7 . H16. O1	116
57	2-ETHYLBUTANAL	97961	C6 . H12. O1	100
58	X1-(4-ETHYLPHENYL)ETHANONE	937304	C10. H12. O1	148
59	1,2,3,4,4A,9,10,10A-OCTAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL)-1-PHENANTHRENEC	5155704	C20. H28. O2	300
60	3,4-DIETHYL-1,1#-BIPHENYL	61141668	C16. H18	210
61	1-METHYL-1H-INDENE	767599	C10. H10	130
62	X#METHYLBENZENE	108883	C7 . H8	92
63	3-METHYLBUTANOIC ACID	503742	C5 . H10. O2	102
64	2,4-DIMETHYL BENZOIC ACID	611016	C9 . H10. O2	150
65	3-PENTEN-2-ONE	625332	C5 . H8 . O1	84
66	METHYLCYCLOHEXANE	108872	C7 . H14	98
67	X1-PHENYLETHANONE	98862	C8 . H8 . O1	120
68	6-METHYL-5-HEPTEN-2-ONE	110930	C8 . H14. O1	126
69	2-ETHYL-1-HEXANOL	104767	C8 . H18. O1	130
70	1-(2-ETHYLPHENYL)ETHANONE	2142645	C10. H12. O1	148
71	2-ETHYLHEXANOIC ACID	149575	C8 . H16. O2	144
72	3-METHYLBENZOIC ACID	99047	C8 . H8 . O2	136
73	4-METHYLBENZOIC ACID	99949	C8 . H8 . O2	136
74	2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID	882897	C10. H11. O3 .CL1	214
75	+3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	78591	C9 . H14. O1	138
76	#1,2-BENZENEDICARBOXYLIC ACID, BUTYL 2-METHYLPROPYL ESTER	17851535	C16. H22. O4	278
77	2,6-DIMETHYLBENZOIC ACID	632462	C9 . H10. O2	150
78	1,5-HEPTADIENE-3,4-DIOL	81945983	C7 . H12. O2	128
79	2-(2-BUTOXYETHOXY)ETHANOL	112345	C8 . H18. O3	162
80	3-METHYL-2-BUTEN-1-OL	556821	C5 . H10. O1	86
81	(2,4-DIHYDROXYPHENYL)PHENYLMETHANONE	131566	C13. H10. O3	214
82	XOLEANOIC ACID	334485	C18. H28. O2	172
83	XTRIBUTYL PHOSPHATE	126738	C12. H27. O4 . P1	266
84	XNONANEDIOIC ACID	123999	C9 . H16. O4	188
85	X1,2-BENZENEDICARBOXYLIC ACID	88993	C8 . H6 . O4	166
86	XDODECANOIC ACID	143077	C12. H24. O2	200
87	OCTANEDIOIC ACID	505486	C8 . H14. O4	174
88	X9-OCTADECENOIC ACID	112801	C18. H34. O2	282
89	2-CYCLOPENTEN-1-ONE	930303	C5 . H6 . O1	82
90	HEXANEDINITRILE	111693	C6 . H8 . N2	108

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
91	X6-CHLORO-N-ETHYL-N4-(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE	1912249	C8 . H14. N5 .CL1	215
92	1H-IMIDAZOLE-2-CARBOXALDEHYDE	10111887	C4 . H4 . N2 . O1	96
93	X1-OCTANOL	111875	C8 . H18. O1	130
94	CIS-2-METHYLCYCLOPENTANOL	29144082	C6 . H12. O1	100
95	XPENTANOIC ACID	109524	C5 . H10. O2	102
96	XDICHLOROACETIC ACID	79436	C2 . H2 . O2 .CL2	128
97	XPHOSPHORIC ACID, TRIETHYLESTER	78400	C6 . H15. O4 . P1	182
98	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	19396760	C11. H16. O2	180
99	3-METHYL-2-BUTENOIC ACID	541479	C5 . H8 . O2	100
100	3-METHOXYPENTANE	36839679	C6 . H14. O1	102
101	METHOXYPROPOXY PROPOXY PROPANOL	400	C10. H22. O4	206
102	METHOXYPROPOXY PROPOXY PROPANOL	403	C10. H22. O4	206
103	6-METHYL-2-HEPTANONE	928687	C8 . H16. O1	128
104	X1-PROPANOL	71238	C3 . H8 . O1	60
105	2,2-DIETHYL-1,3-PROPANEDIOL	115764	C7 . H16. O2	132
106	1-CHLOROPENTANE	543599	C5 . H11.CL1	106
107	3,5-DIMETHYLCYCLOHEXANOL	5441521	C8 . H16. O1	128
108	1-METHYL-3-CYCLOHEXEN-1-OL	33061164	C7 . H12. O1	112
109	FORMIC ACID, CYCLOHEXYL ESTER	4351546	C7 . H12. O2	128
110	1,1,1-TRICHLORO-2-PROPANONE	918883	C3 . H3 . O1 .CL3	160
111	X2-CHLORO-1,1-DIETHOXYETHANE	621625	C6 . H13. O2 .CL1	152
112	X3,6-DICHLORO-2-METHOXYBENZOIC ACID	1918889	C8 . H6 . O3 .CL2	220
113	X2-METHYLPROPANOIC ACID	79312	C4 . H8 . O2	88
114	2-METHYL-3-BUTEN-2-OL	115184	C5 . H10. O1	86
115	XBENZALDEHYDE	108527	C7 . H6 . O1	106
116	BUTOXYETHOXY ETHANOL	431	C8 . H18. O3	162
117	3,3,3-TRICHLORO-1-PROPENE	2233883	C3 . H3 .CL3	144
118	TRANS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	28098888	C7 . H10. O4	158
119	2-HYDROXYPROPANOIC ACID, ETHYL ESTER	97643	C5 . H10. O3	118
120	1,1'-(1,4-PHENYLENE)BIS-ETHANONE	1009616	C10. H10. O2	162
121	3-HYDROXYBUTANAL	107891	C4 . H8 . O2	88
122	X1-(ETHENYLOXY)BUTANE	111342	C6 . H12. O1	100
123	2,4-DIHYDROXY-6-PROPYLBENZOIC ACID	4707500	C10. H12. O4	196
124	2,3-DIHYDROXY-4-(1-METHYLETHYL)BENZOIC ACID	19420612	C10. H12. O4	196
125	2-(2-(2-ETHOXYETHOXY)ETHOXY)ETHANOL	112505	C8 . H18. O4	178
126	METHOXY PROPOXY PROPANOL	625	C7 . H16. O3	148
127	TETRADECANOIC ACID, METHYL ESTER	124107	C15. H30. O2	242
128	OCTADECANOIC ACID, METHYL ESTER	112618	C19. H38. O2	298
129	DIOCTYLESTER HEXANEDIOIC ACID	123795	C22. H42. O4	370
130	X*$ETHENYLBENZENE	100425	C8 . H8	104
131	1,3-DIETHYL BENZENE	141935	C10. H14	134
132	1,4-DIETHYL BENZENE	105055	C10. H14	134
133	1,2-DIETHYL BENZENE	135013	C10. H14	134
134	X+$BIS(2-ETHYLHEXYL) PHTHALATE	117840	C24. H38. O4	390
135	HEXADECANOIC ACID, ETHYL ESTER	628977	C18. H36. O2	284

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2K S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
136	3,5-DIMETHYL BENZOIC ACID, METHYL ESTER	25081394	C10. H12. O2	164
137	2-METHOXY-3-METHYL-2-BUTENOIC ACID	58373185	C6 . H10. O3	130
138	%DIBROMOCHLOROMETHANE	124481	C1 . H1 .BR2 .CL1	206
139	2-CYCLOHEXEN-1-ONE	930687	C6 . H8 . O1	96
140	2,3,5,6-TETRACHLORO-1,4-BENZENEDICARBOXYLIC ACID	2136790	C8 . H2 . O4 .CL4	302
141	%$1,3-DIMETHYLBENZENE	108383	C8 . H10	106
142	%3-CHLORO-2-METHYL-1-PROPENE	563473	C4 . H7	90
143	%+$1,2-DICHLORO BENZENE	95501	C6 . H4 .CL2	146
144	%+$1,1,2,3,4,4-HEXACHLORO-1,3-BUTADIENE	87683	C4 .CL6	258
145	1-METHYL-4-(METHYLSULFONYL)BENZENE	3185397	C8 . H10. O2 . S1	170
146	1,1,3,3-TETRAMETHYL-2-INDANONE	5689123	C13. H16. O1	188
147	2,3-DIMETHYL-2-BUTANOL	594605	C6 . H14. O1	102
148	METHYL HEPTANOATE	106730	C8 . H16. O2	144
149	BENZENEACETIC ACID, METHYL ESTER	101417	C9 . H10. O2	150
150	DI-(2-BROMOETHYL)ETHER	5414137	C4 . H8 . O1 .BR2	230
151	1-ISOCYANO-4-METHYLBENZENE	7175475	C8 . H7 . N1	117
152	SULFONYLBIS(4-CHLOROBENZENE)	88079	C12. H8 . O2 .CL2 . S1	286
153	2-ETHYL-4-METHYL-1-PENTANOL	106572	C8 . H18. O1	130
154	3-METHYLCYCLOPENTANONE	1757422	C6 . H10. O1	98
155	%HEXANOIC ACID	142621	C6 . H12. O2	116
156	%+PHENOL	108952	C6 . H6 . O1	94
157	%$1,1,2,2-TETRACHLOROETHANE	79345	C2 . H2 .CL4	166
158	%HEPTANOIC ACID	111148	C7 . H14. O2	130
159	2,3,3-TRICHLORO-2-PROPENOIC ACID	2257354	C3 . H1 . O2 .CL3	174
160	2-HYDROXY-1H-ISOINDOLE-1,3(2H)-DIONE	524389	C8 . H5 . N1 . O3	163
161	1-ETHOXY-1-METHOXYETHANE	10471144	C5 . H12. O2	104
162	1,1-DIMETHOXYPROPANE	4744189	C5 . H12. O2	104
163	3,4-DIMETHYLBUT-2-ENE-1,4-DIOIC ACID	25713375	C6 . H8 . O4	144
164	BENZOIC ACID, 1-METHYLETHYLESTER	939480	C10. H12. O2	164
165	1,1-BIS(4-ETHYLPHENYL)ETHANE	10224916	C18. H22	238
166	1-ETHENYL-4-ETHYL BENZENE	3454877	C10. H12	132
167	%1,1#-(1,2-ETHENEDIYL)BIS-BENZENE	588590	C14. H12	180
168	2-HEPTENYLBENZENE	26447632	C13. H18	174
169	%2-METHYLNAPHTHALENE	91576	C11. H10	142
170	%1,1*-BIPHENYL	92524	C12. H10	154
171	2-METHYL-1,1*-BIPHENYL	643583	C13. H12	168
172	3,4*-DIMETHYL-1,1*-BIPHENYL	7383906	C14. H14	182
173	%2,3-DIPHENYLOXIRANE	17619975	C14. H12. O1	196
174	1,1-BIS(3-ETHYLPHENYL)ETHANE	1027	C18. H22	238
175	%1-CYCLOPROPYLETHANONE	765435	C5 . H8 . O1	84
176	2-METHYLCYCLOPENTANOL	24078777	C6 . H12. O1	100
177	%2-HEXANONE	591786	C6 . H12. O1	100
178	~~CARBONIC ACID~~	~~555~~	~~C1 . H2 . O3~~	~~62~~
179	2-HEXANEAMINE	5329733	C6 . H15. N1	101
180	2,4-HEXADIEN-1-OL	111284	C6 . H10. O1	98

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S3C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
181	3-PENTANOL	584821	C5 . H12. O2	
182	XBENZENEMETHANOL	100516	C7 . H8 . O1	88
183	2,3-DIHYDRO-4-METHYLFURAN	34314835	C5 . H8 . O1	108
184	ETHYLBENZALDEHYDE (ISOMER UNKNOWN)	53951581	C9 . H10. O1	84
185	1-(2,3-DIMETHYLPHENYL)ETHANONE	2142714	C10. H12. O1	134
186	1-ETHENYL-3-ETHYLBENZENE	7525624	C10. H12	148
187	TETRADECANOIC ACID, ETHYL ESTER	124861	C16. H32. O2	132
188	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	1888806	C12. H22	256
189	2,3-DIMETHYLBENZOIC ACID	503792	C9 . H10. O2	166
190	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	93765	C8 . H5 . O3 .CL3	150
191	3,4-DIMETHYL-2,5-FURANDIONE	766332	C6 . H6 . O3	254
192	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26137531	C16. H18	126
193	2-HEXANOL	626937	C6 . H14. O1	218
194	2-(2-ETHOXYETHOXY)ETHANOL	111900	C6 . H14. O3	102
195	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE	28189428	C7 . H9 . N1 . O2	134
196	2,3-dimethylmaleimide	1873934	C6 . H7 . N1 . O2	139
197	5,6-DIMETHYL-1-INDANONE	16440974	C11. H12. O1	139
198	4A,5,6,7,8,8A-HEXAHYDRO-4A,8A-DIMETHYL-2(1H)-NAPHTHALENONE,CIS-	13465668	C12. H18. O1	160
199	X2-METHYLPHENOL	95487	C7 . H8 . O1	178
200	DIHYDRO-4,4-DIMETHYL-2(3H)-FURANONE	13861977	C6 . H10. O2	108
201	3-METHYL-3-PENTANOL	77767	C6 . H14. O1	114
202	2,5-HEXANEDIONE	110134	C6 . H10. O2	102
203	METHOXYPROPOXY PROPOXY PROPANOL	481	C10. H22. O4	114
204	METHOXYPROPOXY PROPOXY PROPANOL	482	C10. H22. O4	206
205	3,4-DIMETHOXYBENZOIC ACID	93872	C9 . H10. O4	206
206	X1-METHYLNAPHTHALENE	90120	C11. H10	182
207	(1-NITROPROPYL)BENZENE	5279141	C9 . H11. N1 . O2	142
208	2,5-DIMETHYLBENZALDEHYDE	5779942	C9 . H10. O1	165
209	3-METHYLBIPHENYL	643936	C13. H12	134
210	2-BUTOXYETHANOL	111762	C6 . H14. O2	168
211	DODECANOIC ACID, ETHYL ESTER	106332	C14. H28. O2	118
212	2,3-DIHYDRO-2-ETHYL-1H-INDENE	56147638	C11. H14	228
213	1,2,3,4-TETRAHYDRO-2,2,5,7-TETRAMETHYLNAPHTHALENE	23342258	C14. H20	146
214	1-PHENYL-2-PROPANONE	103797	C9 . H10. O1	188
215	CIS-9-HEXADECENOIC ACID	2891234	C16. H30. O2	134
216	3,5-DIMETHYL BENZOIC ACID	493569	C9 . H10. O2	254
217	2,6-DIMETHYL-4-HEPTANONE	108838	C9 . H18. O1	150
218	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	28547993	C9 . H14. O2	142
219	2,4,6-TRIMETHYLBENZOIC ACID	480537	C10. H12. O2	154
220	5-METHYL-2-HEPTANOL	54638501	C8 . H18. O1	164
221	2-METHYL BENZOIC ACID	118901	C8 . H8 . O2	130
222	X3-PHENYLPROPIONIC ACID	501528	C9 . H10. O2	136
223	3,4-DIMETHYLBENZOIC ACID	519045	C9 . H10. O2	150
224	4-METHYL-PENTANOIC ACID	646071	C6 . H12. O2	150
225	CYCLOHEXANECARBOXYLIC ACID	98895	C7 . H12. O2	116
				128

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M3C N2C P2C P2X O2C O2K S2C S2K K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
226	XALPHA,ALPHA-DIMETHYLBENZENEMETHANOL	617947	C9 . H12. O1	136
227	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	20324327	C7 . H16. O3	148
228	4-METHYLHEXANOIC ACID	1561111	C7 . H14. O2	130
229	3-METHYLPENTANAL	15877573	C6 . H12. O1	100
230	~~13-METHYLPROPYLICYCLOHEXANE~~	~~6876864~~	~~C10. H20~~	~~140~~
231	2,2-DIMETHYL-1-PENTANOL	2370129	C7 . H16. O1	116
232	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	55356224	C7 . H16. O3	148
233	1-(ETHENYLOXY)HEXANE	9363644	C8 . H16. O1	128
234	1,3,3-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-OL	1632731	C10. H18. O1	154
235	XS-METHYL-2-(1-METHYLETHYL)-CYCLOHEXANOL	89781	C10. H20. O1	156
236	1-(TRIMETHYLOXIRANYL)ETHANONE	15120397	C7 . H12. O2	128
237	XENDO-1,7,7-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-OL	507700	C10. H18. O1	154
238	1,2 3,5-BIS-O-(1-METHYLETHYLIDENE)-ALPHA-D-XYLOFURANOSE	20881843	C11. H18. O5	238
239	4-NONANOL	5332796	C9 . H20. O1	144
240	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL)-1(2H)-NAPHTHALENONE	55332820	C15. H26. O1	222
241	1(3H)-ISOBENZOFURANONE	87412	C8 . H6 . O2	134
242	NONADECANOL	52783434	C19. H40. O1	284
243	METHOXY PROPOXY PROPOXY PROPANOL	484	C10. H22. O4	206
244	DIHYDRO-5,5-DIMETHYL-2(3H)-FURANONE	3123975	C6 . H10. O2	114
245	X+$1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	117817	C24. H38. O4	390
246	4-METHOXYBENZOIC ACID	100834	C8 . H8 . O3	152
247	N-BUTYLBENZENESULFONAMIDE	3622842	C10. H15. N1 . O2 . S1	213
248	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	17092921	C11. H16. O2	180
249	1,3-DICHLORO-2-METHYLBUTANE	23010873	C5 . H10.CL2	140
250	METHOXY PROPOXY PROPANOL	426	C7 . H16. O3	148
251	5,5-DIMETHYL-2(5H)-FURANONE	28019641	C6 . H8 . O2	112
252	XTRICHLOROACETIC ACID	76039	C2 . H1 . O2 .CL3	162
253	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	711	C8 . H6 . O3 .CL2	220
254	2,2-DIMETHYLPROPANOIC ACID	75989	C5 . H10. O2	102
255	3-CHLOROCYCLOPENTENE	96402	C5 . H7 .CL1	102
256	6-(ACETYLOXY)-2-HEXANONE	4305264	C8 . H14. O3	158
257	6,7-DODECANEDIONE	13757909	C12. H22. O2	198
258	PHOSPHORIC ACID, DIETHYL PENTYL ESTER	28195888	C9 . H21. O4 . P1	224
259	7-TRIDECANONE	462188	C13. H26. O1	198
260	X1-DODECANOL	112538	C12. H26. O1	186
261	N,N,4-TRIMETHYLBENZENESULFONAMIDE	599699	C9 . H13. N1 . O2	199
262	1-METHYLETHYL HYDROPEROXIDE	3031752	C3 . H8 . O2	76
263	DIISOOCTYLPHTHALATE	27554263	C24. H38. O4	390
264	3,4-EPOXY-2-HEXANONE	17257817	C6 . H10. O2	114
265	X+$1,2-BENZENEDICARBOXYLIC ACID, DIHEXYL ESTER	84753	C20. H30. O4	334
266	X1,4-DIOXANE	123911	C4 . H8 . O2	88
267	4-OXO-PENTANOIC ACID	123762	C5 . H8 . O3	116
268	1-HEPTEN-4-OL	3521913	C7 . H14. O1	114
269	2-METHYL-1-PENTEN-3-OL	2088075	C6 . H12. O1	100
270	N,N-DIETHYFORMAMIDE	617845	C5 . H11. N1 . O1	101

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
271	2-METHYL-2-HEPTANOL	625252	C8 . H18. O1	130
272	3,5-DIMETHOXYPHENOL	500992	C8 . H10. O3	154
273	X5-ETHYL-5-(3-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	57432	C11. H18. N2 . O3	226
274	X5-ETHYL-5-(1-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	76744	C11. H18. N2 . O3	226
275	TRANS-9-HEXADECENOIC ACID	373499	C16. H30. O2	254
276	C15-6-OCTADECENOIC ACID	593335	C18. H34. O2	282
277	XBROMOCYCLOHEXANE	108858	C6 . H11.BR1	162
278	5-METHYL-3-HEXANOL	623552	C7 . H16. O1	116
279	2-METHYL-2-BUTEN-1-OL	4675870	C5 . H10. O1	86
280	5-ETHYL-2-HEPTANOL	19780406	C9 . H20. O1	144
281	3-METHOXY-1,3,4-HEXATRIENE	53783883	C7 . H10. O1	110
282	2-METHYL-2-(2-METHYLPROPYL)OXIRANE	53897317	C7 . H14. O1	114
283	1-METHYLHEXYLHYDROPEROXIDE	762469	C7 . H16. O2	132
284	2-BUTYL-3-METHYLOXIRANE	14925963	C7 . H14. O1	114
285	2-METHOXY-4-METHYL-2-PENTENOIC ACID, METHYL ESTER	56089360	C8 . H14. O3	158
286	2,3,4-TRIMETHYL-3-PENTANOL	3054920	C8 . H18. O1	130
287	1-ISOCYANONAPHTHALENE	1984049	C11. H7 . N1	153
288	N-(1,1-DIMETHYLETHYL)-3-METHYLBENZAMIDE	42498339	C12. H17. N1 . O1	191
289	4,5-DIETHYL-2,3-DIHYDRO-2,3-DIMETHYLFURAN	54244892	C10. H18. O1	154
290	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE	5463583	C10. H8 . O3	176
291	2,5-DIMETHYL-2-HEXANOL	3738687	C8 . H18. O1	130
292	X+$1,2-BENZENEDICARBOXYLIC ACID, BUTYL PHENYLMETHYL ESTER	85687	C19. H20. O4	312
293	PROPYLOXIRANE	1803141	C5 . H10. O1	86
294	XACETIC ACID, CYCLOHEXYL ESTER	622457	C8 . H14. O2	142
295	X(ETHOXYMETHYL)OXIRANE	4016119	C5 . H10. O2	102
296	4-HEPTANONE	123193	C7 . H14. O1	114
297	PHENOXY ACETIC ACID	122598	C8 . H8 . O3	152
298	X3-ETHYL-4-METHYL-2,5-PYRROLIDINEDIONE	77678	C7 . H11. N1 . O2	141
299	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1809	C7 . H12. O3	144
300	4,6-DIMETHYL OCTANOIC ACID	2353960	C10. H20. O2	172
301	ACETIC ACID, 2-METHYL PHENYL ESTER	533186	C9 . H10. O2	150
302	3-HYDROXYNONANOIC ACID	33796871	C9 . H18. O3	174
303	X2,4-DIMETHOXYBENZOIC ACID	91521	C9 . H10. O4	182
304	P-ETHYLBENZOIC ACID	619647	C9 . H10. O2	150
305	1,1*-ETHYLENEBIS-BENZENE	512000	C14. H14	182
306	2-HEPTANOL	543497	C7 . H16. O1	116
307	XCARBONIC ACID, DIETHYL ESTER	105588	C5 . H10. O3	118
308	5-METHYL HEXANOIC ACID	628466	C7 . H14. O2	130
309	2-BUTYLTETRAHYDROFURAN	1884291	C8 . H16. O1	128
310	4,5-DIMETHYL-2-HEPTEN-3-OL	55956371	C9 . H18. O1	142
311	5-METHYL-2-HEPTANONE	18217124	C8 . H16. O1	128
312	1,3,3,7-TETRAMETHYL-2-OXABICYCLO(2.2.1)HEPTANE	15404576	C10. H18. O1	154
313	2-METHYLPROPANOIC ACID, BUTYL ESTER	97870	C8 . H16. O2	144
314	2-ETHYLCYCLOHEXANONE	4423943	C8 . H14. O1	126
315	1-ETHOXY-2-(2-METHOXYETHOXY)ETHANE	1802671	C7 . H16. O3	148

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N3C N2C P2C P2X O2G O2X S3C S2X K1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
316	2-METHYLHEPTANOIC ACID	1188029	C8 . H16. O2	144
317	1,6-HEXANEDIOL	629118	C6 . H14. O1	118
318	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN	34314946	C7 . H12. O1	112
319	CYCLOHEXANEHEXANOL	4354589	C12. H24. O1	184
320	~~2,5-DIMETHYLHEXANE~~	~~7282382~~	~~C8 . H18~~	~~114~~
321	TETRAHYDRO-2,2,5,5-TETRAMETHYLFURAN	15045439	C8 . H16. O1	128
322	X4(1H)-PYRIMIDINONE	4562270	C4 . H4 . N2 . O1	96
323	3,5-NONADIEN-7-YL-2-OL	63142434	C9 . H12. O1	136
324	4,4,5,5-TETRAMETHYL-1,3-DIOXOLAN-2-ONE	19426294	C7 . H12. O3	144
325	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	13747734	C9 . H14. O1	138
326	OXACYCLOTETRADECAN-2-ONE	1725848	C13. H24. O2	212
327	1,1-DICHLORO-2-HEXANONE	2648591	C6 . H10. O1 .CL2	168
328	4,4-DICHLORO-3-HEXANONE	2648684	C6 . H10. O1 .CL2	168
329	DIHYDRO-5-METHYL-2(3H)-FURANONE	108292	C5 . H8 . O2	100
330	C3-DIHYDROXYBENZOIC ACID	1016	C10. H12. O4	196
331	4-BUTOXYBUTANOIC ACID	55724737	C8 . H16. O3	160
332	X$1,2-DICHLOROETHANE	107062	C2 . H4 .CL2	98
333	PENTAETHYLBENZENE	605016	C16. H26	218
334	O-ETHYL BENZOIC ACID	28134318	C9 . H10. O2	150
335	X+$1,1#-OXYBIS(2-CHLOROETHANE)	111444	C4 . H8 . O1 .CL2	142
336	XBENZOIC ACID, ETHYL ESTER	93890	C9 . H10. O2	150
337	PENTADECANOIC ACID, ETHYL ESTER	41114005	C17. H34. O2	270
338	OCTADECANOIC ACID, ETHYL ESTER	111615	C20. H40. O2	312
339	12-METHYLTETRADECANOIC ACID	5302943	C15. H30. O2	242
340X*+	$1,4-DICHLOROBENZENE	106467	C6 . H4 .CL2	146
341	HEXANEDIOIC ACID,DIHEXYL ESTER	110388	C18. H34. O4	314
342	DODECANOIC ACID METHYL ESTER	111820	C13. H26. O2	214
343	2,4-DIMETHYLBENZOIC ACID, METHYL ESTER	23617712	C10. H12. O2	164
344	2,3-DICHLOROBENZENAMINE	608275	C6 . H5 . N1 .CL2	161
345	X$1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER	131113	C10. H10. O4	194
346	XBENZENEACETONITRILE	140294	C8 . H7 . N1	117
347	3-HEPTANOL	589822	C7 . H16. O1	116
348	1-CHLORO-2-METHYL-2-BUTENE	13417431	C5 . H9 .CL1	104
349	1-CHLORO-2,2-DIMETHYLPROPANE	753899	C5 . H11.CL1	106
350	1-BROMO-4-ETHYLBENZENE	1585075	C8 . H9 .BR1	184
351	2,4,5-TRICHLOROBENZENEAMINE	636306	C6 . H4 . N1 .CL3	195
352	*PENTACHLOROBENZENAMINE	527208	C6 . H2 . N1 .CL5	263
353	1,2,2,3-TETRACHLOROPROPANE	13116535	C3 . H4 .CL4	180
354X*+	$1,2,4-TRICHLOROBENZENE	120821	C6 . H3 .CL3	180
355	2,4-DICHLORO-1-NITROBENZENE	511863	C6 . H3 . N1 . O2 .CL2	191
356	+X1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE(ALPHA,BETA,ALPHA,BETA,ALPHA,BET)	319857	C6 . H6 .CL6	288
357	X*PENTACHLORONITROBENZENE	82688	C6 . N1 . O2 .CL5	293
358	NONANEDIOIC ACID, DIMETHYLESTER	1732181	C11. H20. O4	216
359	4-(1,1-DIMETHYLETHYL)-2-METHYLPHENOL	98271	C11. H16. O1	164
360	4-METHYLPHENYLSULFONYLACETIC ACID, METHYL ESTER	50397643	C10. H12. O4 . S1	228

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4K M2C N2C P2C P2K O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
361	4-METHYL-1-PHTHALAZINONE	5004488	C9 . H8 . N2 . O1	160
362	2-METHYL-2-PENTANOL	590363	C6 . H14. O1	102
363	X1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE	76222	C10. H16. O1	152
364	4-METHYL-2-OXOPENTANOIC ACID	816668	C6 . H10. O3	130
365	6,7,8,9-TETRAHYDRO-5H-TETRAZOLO(1,5-A)AZEPINE	54955	C6 . H10. N4	138
366	BUTANEDIOIC ACID,DIMETHYL ESTER	106658	C6 . H10. O4	146
367	XDIETHYL SUCCINATE	123251	C8 . H14. O4	174
368	2,2-DIMETHYLPENTANEDIOIC ACID	601572	C7 . H12. O4	160
369	1-(METHYLPHENYL)ETHANONE	26444199	C9 . H10. O1	134
370	(METHYLSULFONYL)BENZENE	3112854	C7 . H8 . O2 . S1	156
371	2-(1-PROPENYL)-1,3-DIOXANE	4528261	C6 . H10. O2	114
372	HEXANOIC ACID, METHYL ESTER	106787	C7 . H14. O2	130
373	OCTANOIC ACID,METHYL ESTER	111115	C9 . H18. O2	158
374	NONANOIC ACID, METHYL ESTER	1731846	C10. H20. O2	172
375	8-NONENOIC ACID,ETHYL ESTER	35194399	C11. H22. O2	184
376	DECANOIC ACID,METHYL ESTER	110429	C11. H22. O2	186
377	BENZONITRILE	100470	C7 . H5 . N1	103
378	PHENYLPROPIONIC ACID,METHYL ESTER	103253	C10. H12. O2	164
379	2,4,5-TRICHLOROPHENOXYACETIC ACID,METHYL ESTER	35309440	C9 . H7 . O3 .CL3	268
380	2,2-DIMETHYL-3-PENTANOL	3978625	C7 . H16. O1	116
381	(1-ETHOXYETHYL)BENZENE	3299056	C10. H14. O1	150
382	1,2-DIMETHYL-4-NITROBENZENE	99514	C8 . H9 . N1 . O2	151
383	HEPTADECANOIC ACID, METHYL ESTER	1731926	C18. H36. O2	284
384	1-(2-BUTOXYETHOXY)ETHANOL	54466785	C8 . H18. O3	162
385	2-HEXENOIC ACID	1191044	C6 . H10. O2	114
386	2-HEPTANONE	110430	C7 . H14. O1	114
387	X2,2-DICHLOROPROPANOIC ACID	75990	C3 . H4 . O2 .CL2	142
388	HENEICOSANIC ACID	2363715	C21. H42. O2	326
389	1-HEPTANOL	111706	C7 . H16. O1	116
390	XHEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	103231	C22. H42. O4	370
391	HEXANEDIOIC ACID,DIHEXYL ESTER	110338	C18. H34. O4	314
392	6-UNDECANOL	23708567	C11. H24. O1	172
393	4-(1-METHYLETHYL)BENZOIC ACID	536663	C10. H12. O2	164
394	4,4-DICHLOROBUTENOIC ACID	16502888	C4 . H4 . O2 .CL2	154
395	X2-AMINOBENZOIC ACID	118923	C7 . H7 . N1 . O2	137
396	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID	30316144	C13. H18. O2	206
397	2-(2-HYDROXYPROPOXY)-1-PROPANOL	106627	C6 . H14. O3	134
398	2-PHENOXYETHANOL	122996	C8 . H10. O2	138
399	CYCLIC TETRAMETHYLENE ADIPATE	777957	C10. H16. O4	200
400	1-CYCLOPENTYLETHANONE	6004600	C7 . H12. O1	112
401	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE	54863182	C7 . H14. O3	146
402	N,N*-DIMETHYLUREA	96311	C3 . H8 . N2 . O1	88
403	1,1*-DIMETHYLENEBIS-BENZENE	101815	C13. H12	168
404	1,2-DIHYDRONAPHTHALENE	447530	C10. H10	130
405	TETRAETHYLBENZENE	33637286	C14. H22	190

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4K N2C N2C P2C P2K O2C O2X S2C S2K K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
406	1-ETHYLNAPHTHALENE	1127760	C12. H12	156
407	1-METHYL-7-(1-METHYL ETHYL)-NAPHTHALENE	490653	C14. H16	184
408	X3-METHYLPHENANTHRENE	832713	C15. H12	192
409	1,2,3,4-TETRAHYDRO-1-PHENYLNAPHTHALENE	3818200	C16. H16	208
410	1,1-BIS(2-ETHYLPHENYL)ETHANE	1823	C18. H22	238
411	X1,1P-(1,2-ETHENEDIYL)BIS-BENZENE	103380	C14. H12	180
412	1,2,3,4-TETRAHYDRO-2-PHENYLNAPHTHALENE	29422137	C16. H16	208
413	1-(3-ETHYLPHENYL)-ETHANONE	22699703	C10. H12. O1	148
414	2-(ETHYLPHENYL)PROPYL METHYL ETHER	667	C12. H18. O1	178
415	XTETRACHLOROETHENE	127184	C2 .CL4	164
416	OCTYLBENZENE	108414	C8 . H10	106
417	X1,4-DIMETHYBENZENE	106423	C8 . H10	186
418	(1,4-CYCLOHEXADIEN-1-YL)BENZENE	13703521	C12. H12	156
419	4-HYDROXY-4-METHYL-2-PENTANONE	123422	C6 . H12. O2	116
420	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE	432257	C10. H16. O1	152
421	2-[2-(2-METHOXYETHOXY)ETHOXY]-ETHANOL	112356	C7 . H16. O4	164
422	9-OXODECANOIC ACID	1422260	C10. H18. O3	186
423E*+	$PENTACHLOROPHENOL	87865	C6 . H1 . O1 .CL5	264
424	1,3,5-TRIETHYLBENZENE	102250	C12. H18	162
425	DECAHYDRO-2,6-DIMETHYLNAPHTHALENE	1618220	C12. H22	166
426	XDIHYDRO-2(3H)-FURANONE	96480	C4 . H6 . O2	86
427	E*(2,4-DICHLOROPHENOXY)ACETIC ACID	94757	C8 . H6 . O3 .CL2	220
428	1,1,3-TRICHLORO-1-PROPENE	2567148	C3 . H3 .CL3	144
429	DECANEDIOIC ACID	111286	C10. H18. O4	202
430	1-(6-ETHYLPHENYL)ETHANONE	2142769	C10. H12. O1	148
431	2,4,5-TRIMETHYLBENZOIC ACID	528985	C10. H12. O2	164
432	3-HYDROXYTETRADECANOIC ACID	1361724	C14. H28. O3	244
433	2-METHOXYBENZOIC ACID	579759	C8 . H8 . O3	152
434	3-OCTEN-2-ONE	1669449	C8 . H14. O1	126
435	DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	122623	C26. H50. O4	426
436	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE	41654277	C10. H14. O3	182
437	PIPERIDINONE	27154434	C5 . H9 . N1 . O1	99
438	TETRAHYDRO-2-METHYL-2-FURANOL	7326467	C5 . H10. O2	102
439	XBUTANEDIOIC ACID	110156	C4 . H6 . O4	118
440	2-ETHOXYNAPHTHALENE	93185	C12. H12. O1	172
441	X1-DECANOL	112301	C10. H22. O1	158
442	1,2,4-TRIETHYLBENZENE	877461	C12. H18	162
443	1,2,3,4-TETRAHYDRONAPHTHALENE	119642	C10. H12	132
444	DIETHENYLBENZENE	1321740	C10. H18	138
445	4-ETHYLBENZALDEHYDE	4748781	C9 . H10. O1	134
446	1-(2-METHYLPHENYL)ETHANONE	577162	C9 . H10. O1	134
447	1,2,3,4-TETRAHYDRO-1-METHYLNAPHTHALENE	1559815	C11. H14	146
448	2,3-DIHYDRO-1,1-DIMETHYL-1H-INDENE-4-CARBOXYLIC ACID, ETHYL ESTER	55591123	C14. H18. O2	218
449	2-(ACETYLOXY)-1-PHENYLETHANONE	2243358	C10. H10. O3	178
450	3-METHYL-2-CYCLOHEXEN-1-ONE	1193186	C7 . H10. O1	110

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4K N2C N2C P2C P2X O2C O2X S1C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
451	1-(2,4-DIMETHYLPHENYL)ETHANONE	89747	C10. H12. O1	148
452	X2-ETHYL NAPHTHALENE	939275	C12. H12	156
453	3-METHYLPENTANOIC ACID	105431	C6 . H12. O2	116
454	2-METHYL-2, 3-DIHYDRO-1H-INDENE	824635	C10. H12	132
455	2,2-DIMETHYL-3,5-DECADIYNE	55682738	C12. H18	162
456	2,3-DIHYDRO-5-METHYL-1H-INDENE	874351	C10. H12	132
457	2,5-CYCLOHEXADIEN-1-YLBENZENE	4794852	C12. H12	156
458	1,1'-(1-METHYL-1,2-ETHENEDIYL)BIS-BENZENE	833018	C15. H14	194
459	2,3,4,5,6-PENTAFLUORO-N-(2-PHENYLETHYL)BENZAMIDE	38842147	C15. H10. N1 . O1 . F5	315
460	1,1'-(ETHANEDIYL)BIS(4-ETHYLBENZENE)	57364791	C18. H22	238
461	1-(2-METHOXYPROPOXY)-2-PROPANOL	13429877	C7 . H16. O3	148
462	3-PROPYLCYCLOPENTENE	34067759	C8 . H14	110
463	2-UNDECANOL	1653381	C11. H24. O1	172
464	1-UNDECANOL	112425	C11. H24. O1	172
465	BENZOIC ACID, HEXYL ESTER	6789884	C13. H18. O2	206
466	BENZOIC ACID, PENTYL ESTER	2049969	C12. H16. O2	192
467	BENZOTHIAZOLE	95169	C7 . H5 . N1 . S1	135
468	E*84-CHLOROPHENOL	105489	C6 . H5 . O1 .CL1	128
469	4-METHYL-1,2-BENZENEDICARBOXYLIC ACID	4316238	C9 . H6 . O4	180
470	X2-NAPHTHALENECARBOXYLIC ACID	93894	C11. H8 . O2	172
471	E*82,4-DICHLOROPHENOL	120832	C6 . H4 . O1 .CL2	162
472	1,2,3,3-TETRACHLORO-1-PROPENE	28569859	C3 . H2 .CL4	170
473	1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLO(2.2.1)HEPTANE	478677	C10. H18. O1	154
474	X3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE	58082	C8 . H10. N4 . O2	194
475	2-METHYL PENTANOIC ACID	97618	C6 . H12. O2	116
476	1-(4,5-DIETHYL-2-METHYL-1-CYCLOPENTEN-1-YL)ETHANONE	62338243	C12. H20. O1	180
477	1,3,3-TRIMETHYL(2.2.1)BICYCLOHEPTAN-2-ONE	1195735	C10. H16. O1	152
478	3-OCTENOIC ACID	1577191	C8 . H14. O2	142
479	BENZENEBUTANOIC ACID	1921121	C10. H12. O2	164
480	2-HYDROXYTETRADECANOIC ACID	2587553	C14. H28. O3	244
481	3-METHYL-1,2-BENZENEDICARBOXYLIC ACID	37102742	C9 . H8 . O4	180
482	4-METHYL-3-PENTENAL	5362585	C6 . H10. O1	98
483	X1,3,3-TRIMETHYL-2-OXABICYCLO(2.2.2)OCTANE	470826	C10. H18. O1	154
484	3-ETHOXY-3-METHYL-2-BUTANONE	36587397	C7 . H14. O2	130
485	(1-METHYLETHENYL)BENZENE	98839	C9 . H10	118
486	6-METHOXY-2-HEXANONE	29886886	C7 . H14. O2	130
487	2,4-HEPTANEDIONE	7387020	C7 . H12. O2	128
488	ALPHA,ALPHA-DIMETHYLCYCLOOCTANEMETHANOL	16524069	C11. H22. O1	170
489	METHYL 2,2,3-TRIMETHYLCYCLOPENTYL KETONE	17383221	C10. H18. O1	154
490	THIOHEXANOIC ACID, S-BUTYL ESTER	2432793	C10. H20. O1 . S1	188
491	3-ETHOXY-3-METHYL-1-BUTYNE	7740694	C7 . H12. O1	112
492	5-(PENTYLOXY)-2-PENTENE	56052858	C10. H20. O1	156
493	2-ETHYL-3-METHYLOXETANE	53778624	C6 . H12. O1	100
494	2-METHYL-2-PROPYL-1,3-DIOXOLANE	4352981	C7 . H14. O2	130
495	2-ETHYL-1,3,2-DIOXABOROLANE	10173383	C4 . H9 . O2 . B1	100

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M2C N2C P2C P2K O2C O2K S2C S2X X1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
496	1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTANE-2,5-DIONE	4238324	C10. H14. O2	166
497	7,7-DIMETHYL-11-DODECEN-2-ONE	35194220	C14. H26. O1	210
498	9-OXODECANOIC ACID, METHYL ESTER	2575877	C11. H20. O3	200
499	CYCLOOCTANEPROPANOL	16782302	C11. H22. O1	170
500	1-CYCLOHEXYLETHANONE	823767	C8 . H14. O1	126
501	4-(1-METHYLETHYL)BENZALDEHYDE	122032	C10. H12. O1	148
502	2,3 5,6-DI-O-ISOPROPYLIDEN-ALPHA-D-TALOFURANOSE	23262784	C12. H20. O6	260
503	1-(1,1-DIMETHYLETHYL)-4-ETHOXYBENZENE	17269942	C12. H18. O1	178
504	5-METHYL-1(3H)-ISOBENZOFURANONE	54120648	C9 . H8 . O2	148
505	9-OCTADECENAL	5998415	C18. H34. O1	266
506	4-METHYL-3-HEPTEN-2-ONE	22319251	C8 . H14. O1	126
507	6-METHOXY-2-METHYL-3-HEXANONE	17429059	C8 . H16. O2	144
508	2,6-DIMETHYL-3-HEPTANOL	19549736	C9 . H20. O1	144
509	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55356213	C7 . H16. O3	148
510	1,2-BENZENEDICARBOXYLIC ACID, BUTYL PENTYL DIESTER	1818	C17. H24. O4	292
511	2-ETHYL-2-ISOBUTYL-1,3-DIOXOLANE	935455	C9 . H18. O2	158
512	TRANS-9-OCTADECENOIC ACID	112798	C18. H34. O2	282
513	1-[4-(1-HYDROXY-1-METHYLETHYL)PHENYL]ETHANONE	54549723	C11. H14. O2	178
514	X4 CHLOROBENZOIC ACID	74113	C7 . H5 . O2 .CL1	156
515	3,4-DICHLOROBENZOIC ACID	51445	C7 . H4 . O2 .CL2	190
516	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379	C9 . H16. O1	140
517	2,3-DIMETHYLBUTANOIC ACID	14287617	C6 . H12. O2	116
518	2,2#-OXYBIS(1-CHLOROPROPANE)	108601	C6 . H12. O1 .CL2	170
519	PENTACHLOROCYCLOPROPANE	6262517	C3 . H1 .CL5	212
520	2,3-OCTANEDIONE	585251	C8 . H14. O2	142
521	~~4-ETHYL-2,3-DIMETHYLCYCLOHEXANE~~	~~7058051~~	~~C10. H20~~	~~140~~
522	BENZOIC ACID, BUTYL ESTER	136607	C11. H14. O2	178
523	2-PHENYL BUTANOIC ACID	90277	C10. H12. O2	164
524	3-METHOXYBENZOIC ACID	586389	C8 . H8 . O3	152
525	2,6-DICHLOROBENZOIC ACID	50733	C7 . H4 . O2 .CL2	190
526	UNDECANEDIOIC ACID	1852046	C11. H20. O4	216
527	XBROMOCHLOROMETHANE	74975	C1 . H2 .BR1 .CL1	128
528	TRICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	713	C8 . H5 . O3 .CL3	254
529	3-BROMO-1,1-DICHLOROPROPANE	36660458	C3 . H5 .BR1 .CL2	190
530	X2-METHYL-2-BUTANOL	75854	C5 . H12. O1	88
531	5-METHYLHEXANOL	1968395	C7 . H14. O1	114
532	3,4,4-TRIMETHYL 1-5-OXO-2-HEXENOIC ACID (Z)	14919541	C9 . H14. O3	170
533	2-METHOXYETHANOL	109864	C3 . H8 . O2	76
534	4-(1-METHYLETHYL)CYCLOHEXANOL	4621049	C9 . H18. O1	142
535	4-METHYL-3-HEPTANOL	14979396	C8 . H18. O1	130
536	2-(1-METHYLETHOXY)BUTANE	18541811	C7 . H16. O1	116
537	XHEXANOIC ACID, 2-PROPENYL ESTER	123682	C9 . H16. O2	156
538	CYCLOPENTANONE	120923	C5 . H8 . O1	84
539	BUTANOIC ACID, ETHENYL ESTER	123206	C6 . H10. O2	114
540	TRANS-TETRAHYDRO-5-METHYL-2-FURANMETHANOL	54774285	C6 . H12. O2	116

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1V T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
541	OCTAHYDRO-2,2,4,4,7,7-HEXAMETHYL-1H-INDENE (TRANS)	54832836	C15. H28	208
542	2-PROPENOIC ACID, OCTYL ESTER	2499594	C11. H20. O2	184
543	X1-METHYL-2-PYRROLIDINONE	872504	C5 . H9 . N1 . O1	99
544	5-METHYL-4-OXOHEXANOIC ACID	41654048	C7 . H12. O3	144
545	3-METHYL-4-PENTEN-2-ONE	758872	C6 . H10. O1	98
546	2-METHYL-2-PROPYLHEXANOIC ACID	31888372	C10. H20. O2	172
547	3,3-DIMETHYL BUTANOIC ACID	1070833	C6 . H12. O2	116
548	2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPROPANECARBOXYLIC ACID	18453891	C10. H16. O2	168
549	CIS-1,3-DICHLOROCYCLOHEXANE	24355633	C6 . H10.CL2	152
550	3,4-DIHYDRO-6-METHYL-2H-PYRAN	16015115	C6 . H10. O1	98
551	5-METHOXY-2-METHYL-2-PENTANOL	55724844	C7 . H16. O2	132
552	TRANS-2-ETHENYL-2-BUTENAL	20521428	C6 . H8 . O1	96
553	(1-METHYLBUTYL)OXIRANE	53229393	C7 . H14. O1	114
554	2-HYDROXYCYCLOHEXANONE	533688	C6 . H10. O2	114
555	5-METHYL-1-HEXANOL	627985	C7 . H16. O1	116
556	2-(1,1-DIMETHYLETHYL)-2-METHYL-1,3-DIOXOLANE	6135542	C8 . H16. O2	144
557	3-CHLORO-2-CYCLOPENTEN-1-ONE	53102148	C5 . H5 . O1 .CL1	116
558	TETRAHYDRO-4,6,6-TRIMETHYL-2H-PYRAN-2-ONE	20528368	C8 . H14. O2	142
559	3,7-OCTADIEN-2-ONE	25172869	C8 . H12. O1	124
560	2-HEPTEN-1-OL	33467764	C7 . H14. O1	114
561	2-BUTOXYPENTANE	62238022	C9 . H20. O1	144
562	3-ACETYLDIHYDRO-2(3H)-FURANONE	517237	C6 . H8 . O3	128
563	2-OCTEN-1-OL	18489171	C8 . H16. O1	128
564	CHLOROACETONITRILE	107142	C2 . H2 . N2 .CL2	75
565	X,ALPHA.,.ALPHA.,4-TRIMETHYL-4-HYDROXYCYCLOHEXANEMETHANOL,M2)	2451016	C10. H20. O2	172
566	2-METHYLENEBUTANOIC ACID	3586581	C5 . H8 . O2	188
567	X2-ETHOXYETHANOL	110805	C4 . H10. O2	90
568	3,6-DIMETHYLOCTANOIC ACID	4912297	C10. H20. O2	172
569	BETA-METHYL-BENZENEBUTANOIC ACID	7315686	C11. H14. O2	178
570	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE CARBOXILIC ACID, METHYL ESTER	3650042	C17. H22. O2	258
571	1,3-DIMETHYL-2-(2-ISOPROPYLPHENYL)ETHYLCYCLOHEXANE CARBOXILIC ACID	6080	C20. H30. O2	302
572	X7-OXABICYCLO(4.1.0)HEPTANE	286284	C6 . H10. O1	98
573	X PYRIDINE	110861	C5 . H5 . N1	79
574	X1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	123331	C4 . H4 . N2 . O2	112
575	3-HYDROXYOCTANOIC ACID	14292274	C8 . H16. O3	160
576	3,4-DIHYDROXYBENZALDEHYDE	8897	C7 . H6 . O3	138
577	2,3-DICHLOROACRYLIC ACID	8896	C3 . H2 . O2 .CL2	140
578	5-OXO-HEXANOIC ACID	3128061	C6 . H10. O3	130
579	2-(HYDROXYMETHYL)BENZOIC ACID	512204	C8 . H8 . O3	152
580	~~ACETIC ACID~~	~~64197~~	~~C2 . H4 . O2~~	~~60~~
581	1-(2-(2-METHOXY-1-METHYLETHOXY)-1-METHYLETHOXY)-2-PROPANOL	20324338	C10. H22. O4	206
582	X*BENZENAMINE	62533	C6 . H7 . N1	93
583	X2,2,2-TRICHLOROETHANOL	115208	C2 . H3 . O1 .CL3	148
584	4-ACETYLMORPHOLINE	1696204	C6 . H11. N1 . O2	129
585	2-METHYLBENZENEPROPANOIC ACID	22884895	C10. H12. O2	164

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M2C M2G P2C P2K O2C O2K S2C S2K X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
586	X2-METHYL-2-PROPANOL	75650	C4 . H10. O1	74
587	2-METHOXY-3-METHYL-2-PENTENOIC ACID	1808	C7 . H12. O3	144
588	2-CHLOROBENZOIC ACID	118912	C7 . H5 . O2 .CL1	156
589	2,5-DIMETHYLBENZOIC ACID	610720	C9 . H10. O2	150
590	3-METHYL-2-CYCLOPENTEN-1-ONE	2758181	C6 . H8 . O1	96
591	2,4-DIMETHYL-4-HEPTANOL	19549778	C9 . H20. O1	144
592	1,2,3,4,4A,9,10,10A-OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENECARBOXYLIC ACID	57345389	C17. H22. O2	258
593	2-METHYLHEXANOIC ACID	4536236	C7 . H14. O2	130
594	2,3,4,5,5-PENTACHLORO-2,4-PENTADIENOIC ACID	5659416	C5 . H1 . O2 .CL5	268
595	2-METHYL-2-HEPTEN-4-ONE	22519248	C8 . H14. O1	126
596	X1-(2-FURANYL)ETHANONE	1192627	C6 . H6 . O2	110
597	4-AMINO-3,5-DICHLOROBENZOIC ACID	98961252	C7 . H5 . N1 . O2 .CL2	205
598	4-ETHYLHEXANOIC ACID	6299667	C8 . H16. O2	144
599	X3-AMINO-2,5-DICHLOROBENZOIC ACID	133904	C7 . H5 . N1 . O2 .CL2	205
600	TRANS-11-OCTADECENOIC ACID	693721	C18. H34. O2	282
601	5-METHYL-3-HEXANONE	623563	C7 . H14. O1	114
602	XDIMETHOXYMETHANE	109875	C3 . H8 . O2	76
603	3-METHYL-2-HEXANOL	2313687	C7 . H16. O1	116
604	1-METHYL-4-METHYLENECYCLOHEPTANE	23799259	C9 . H16	124
605	2,4-DIMETHYL-2-PENTENE	625658	C7 . H14	98
606	4-METHYL-2,3-PENTANEDIONE	7493585	C6 . H10. O2	114
607	~~CIS-DECAHYDRONAPHTHALENE~~	~~493016~~	~~C10. H18~~	~~138~~
608	1,2-DIMETHYLCYCLOHEXENE	1674108	C8 . H14	110
609	~~PENTYLCYCLOPROPANE~~	~~2244963~~	~~C8 . H16~~	~~112~~
610	4-METHOXY-1-BUTANOL	111328	C5 . H12. O2	104
611	3,4-EPOXY-3-ETHYL-2-BUTANONE	17257828	C6 . H10. O2	114
612	~~2,7-DIMETHYLOCTANE~~	~~1072150~~	~~C10. H22~~	~~142~~
613	3,4-DIHYDRO-2,5-DIMETHYL-2H-PYRAN-2-CARBOXALDEHYDE	1328214	C8 . H12. O2	140
614	~~1,1,3-TRIMETHYLCYCLOHEXANE~~	~~3073669~~	~~C9 . H18~~	~~126~~
615	BUTANOIC ACID, 1-METHYLPROPYL ESTER	819976	C8 . H16. O2	144
616	N-BENZOYLGLYCINE, METHYL ESTER	1205869	C10. H11. N1 . O3	193
617	ALPHA,ALPHA-DIMETHYLBENZYL ISOPROPYL ETHER	24142776	C12. H18. O1	178
618	1,3-DIMETHOXY-2-PROPANOL	623698	C5 . H12. O3	120
619	2-(1-METHYLETHYL)-1,3-DIOXOLANE	822833	C6 . H12. O2	116
620	1-OXTRANYLETHANONE	4401118	C4 . H6 . O2	86
621	6,6-DIMETHYL-3,4-UNDECADIENE-2,10-DIONE	52586780	C13. H20. O2	208
622	1,4-BENZENEDICARBOXYLIC ACID	100210	C8 . H6 . O4	166
623	3-METHOXY-2-METHYL-2-PENTENOIC ACID	1014	C7 . H12. O3	144
624	3-METHOXY-1,2-BENZISOTHIAZOLE	48991386	C8 . H7 . N1 . O1 . S1	165
625	XSULFURIC ACID, DIMETHYL ESTER	77781	C2 . H6 . O4 . S1	126
626	1-METHYL-4-(1-METHYL-2-BUTENYL)NAPHTHALENE	38171978	C16. H18	210
627	BROMOCYCLOPENTANE	137439	C5 . H9 .BR1	148
628	2,2-DICHLORO-3-METHYLBUTANE	17773669	C5 . H10.CL2	140
629	1,1'-(1,2-ETHANEDIYL)BIS-BENZENE	103297	C14. H14	182
630	3-HYDROXY-3-METHYL-2-BUTANONE	115220	C5 . H10. O2	102

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4K M2C M2B P2C P2K O2C O2K S2C S2K K1C K1K

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
631	PENTADECANOIC ACID, METHYL ESTER	7132641	C16. H32. O2	256
632	HEXADECANOIC ACID, METHYL ESTER	112390	C17. H34. O2	270
633	METHYL ISOPALMITATE	5129602	C17. H34. O2	270
634	DIBENZOFURAN	132649	C12. H8 . O1	168
635	2,2-DICHLOROBUTANOIC ACID	13023802	C4 . H6 . O2 .CL2	156
636	2-ETHYLHEPTANOIC ACID	3274291	C9 . H18. O2	158
637	3-CHLOROBENZOIC ACID	535888	C7 . H5 . O2 .CL1	156
638	ACETIC ACID, 4-CHLOROPHENYL ESTER	876277	C8 . H7 . O2 .CL1	170
639	2,3,4,6-TETRACHLOROPHENOL	936227	C6 . H2 . O1 .CL4	230
640	%CHLOROBENZENE	108907	C6 . H5 .CL1	112
641	1-CHLORO-2-ETHYLBENZENE	89963	C8 . H9 .CL1	140
642	HEXACHLOROETHANE	67721	C2 .CL6	234
643	1-BROMO-2-ETHYLBENZENE	1973224	C8 . H9 .BR1	184
644	(2-CHLOROETHENYL)BENZENE	622253	C8 . H7 .CL1	138
645	$1,2,3-TRICHLOROBENZENE	87616	C6 . H3 .CL3	180
646	3,5-DIBROMOTOLUENE	1611923	C7 . H6 .BR2	248
647	(1,2-DICHLOROETHYL)BENZENE	1076119	C8 . H8 .CL2	174
648	X1-CHLORO-3-NITROBENZENE	121733	C6 . H4 . N1 . O2 .CL1	157
649	*2,4-DICHLORONAPHTHALENE	2198756	C10. H16.CL2	196
650	CYCLOPENTENE	142298	C5 . H8	68
651 E+	$1,3-DICHLOROBENZENE	541731	C6 . H4 .CL2	146
652X*+	$NITROBENZENE	98953	C6 . H5 . N1 . O2	123
653	1-CHLOROTRICYCLO[6.3.1.13.8]UNDECANE	27011467	C11. H17.CL1	184
654	DECAMETHYLCYCLOPENTASILOXANE	541026	C10. H30. O5	370
655	2-CHLORO-1,3,5-TRIMETHYLBENZENE	1667069	C9 . H11.CL1	154
656	1-CHLORO-2(PHENYLETHYNYL)BENZENE	10271575	C14. H9 .CL1	212
657	2-METHYLBENZOTRIAZOLE	13351730	C7 . H7 . N3	133
658	X1,2-BIS(2-CHLOROETHOXY)ETHANE	112269	C6 . H12. O2 .CL2	186
659	CYCLODODECANOL	930137	C12. H22. O1	182
660	OCTANEDIOIC ACID,DIMETHYL ESTER	1732098	C10. H18. O4	202
661	METHYLBUTANEDIOIC ACID,DIMETHYL ESTER	1604111	C7 . H12. O4	160
662	N-METHYL ETHENAMINE	38239279	C3 . H5 . N1	55
663	%HEPTANOIC ACID,ETHYL ESTER	106309	C9 . H18. O2	158
664	2-(2-CHLOROETHOXY)ETHANOL	628897	C4 . H9 . O2 .CL1	124
665	UNDECANOIC ACID,METHYL ESTER	1731866	C12. H24. O2	200
666	%BENZENEACETIC ACID, ETHYL ESTER	101373	C10. H12. O2	164
667	4-ETHYL BENZOIC ACID, METHYL ESTER	4346183	C10. H12. O2	164
668	%2-(4-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID,ETHYL ESTER	637070	C12. H15. O3 .CL1	242
669	%9H-FLUOREN-9-ONE	486259	C13. H8 . O1	180
670	%1-METHYL-2,4-DINITROBENZENE	121142	C7 . H5 . N2 . O4	182
671	2,4-DICHLOROPHENOXY ACETIC ACID, METHYL ESTER	54571488	C9 . H8 . O3 .CL2	234
672	METHYL ISONONANOATE	2177868	C10. H20. O2	172
673	%OCTANOIC ACID,ETHYL ESTER	106321	C10. H20. O2	172
674	2-OXO-PENTANEDIOIC ACID, DIMETHYL ETHER	13192046	C7 . H10. O5	174
675	2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID, METHYL ESTER	55162419	C11. H13. O3 .CL1	228

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M2C N2C P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
676	METHYL ISOTRIDECANOATE	1731880	C14. H28. O2	228
677	7-METHYLTETRADECANOIC ACID, ETHYL ESTER	17670756	C17. H34. O2	270
678	PENTACOSANIC ACID, METHYL ESTER	55373092	C26. H52. O2	396
679	1-HEXANOL	111273	C6 . H14. O1	102
680	X2-OCTANONE	111137	C8 . H16. O1	128
681	2,5-HEXANEDIOL	2935446	C6 . H14. O2	118
682	5-HEXEN-2-OL	54774275	C6 . H12. O1	100
683	X1-PENTANOL	71410	C5 . H12. O1	88
684	X5-3-(1-METHYL-2-PYRROLIDINYL)-PYRIDINE	54115	C10. H14. N2	162
685	3-METHYL-4-HEPTANONE	15726155	C8 . H16. O1	128
686	2-DODECANOL	10203288	C12. H26. O1	186
687	2-HYDROXY-6-METHYLBENZOIC ACID	567613	C8 . H8 . O3	152
688	4-OXO-NONANOIC ACID	6064524	C9 . H16. O3	172
689	2-BROMO-1,2-DICHLOROPROPANE	17759885	C3 . H5 .BR1 .CL2	190
690	1-BROMO-2,3-DICHLOROPROPANE	33037079	C3 . H5 .BR1 .CL2	190
691	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL	54348595	C9 . H20. O2	160
692	1,1#-[(1-METHYL-1,2-ETHANEDIYL)BIS(OXY)]BIS-2-PROPANOL	1638160	C9 . H20. O4	192
693	1,2-BENZENEDICARBOXLIC ACID,BUTYL PHENYL ESTER	38411120	C18. H18. O4	298
694	X2,6-DIMETHYLPYRIDINE	108485	C7 . H9 . N1	107
695	X2,4-DIMETHYLPYRIDINE	108474	C7 . H9 . N1	107
696	2,3-DIMETHYL PYRIDINE	583619	C7 . H9 . N1	107
697	2,4,6-TRIMETHYLPYRIDINE	108758	C8 . H11. N1	121
698	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	C9 . H14. O1	138
699	.ALPHA.-METHYLENE BENZENEACETONITRILE	495183	C9 . H7 . N1	129
700	1-METHYLISOQUINOLINE	1721933	C10. H9 . N1	143
701	2,3-DIMETHYL QUINOLINE	1721897	C11. H11. N1	157
702	X+PHENANTHRENE	85018	C14. H10	178
703	X$1,2-BENZENEDICARBOXYLIC ACID, DICYCLOHEXYL ESTER	84617	C20. H26. O4	330
704	1,2-DIHYDRO-4-PHENYLNAPHTHALENE	7469401	C16. H14	206
705	1,3-DIETHENYLBENZENE	108578	C10. H10	130
706	1-PHENYL-3-BUTEN-2-ONE	37442550	C10. H10. N1	146
707	3,7,11-TRIMETHYL-3-DODECANOL	7278651	C15. H32. O1	228
708	X1-HEXADECANOL	36653824	C16. H34. O1	242
709	2,2#-BI-1,3-DIOXOLANE	6705891	C6 . H10. O4	146
710	2-PROPOXYETHANOL	2807309	C5 . H12. O2	104
711	2-METHYLCYCLOPENTANONE	1120725	C6 . H10. O1	98
712	~~PHOSPHORIC ACID~~	~~456~~	~~H3 . O4 . P1~~	~~98~~
713	1-METHYL-2-(2-PROPENYL)BENZENE	1587048	C10. H12	132
714	1-ETHYL-4-(1-METHYLETHYL)BENZENE	4218488	C11. H16	148
715	1-ETHYL-3-(1-METHYLETHYL)BENZENE	4920994	C11. H16	148
716	(1,1-DIMETHYLPROPYL)BENZENE	2049958	C11. H16	148
717	2,3-DIHYDRO-1-METHYL-1H-INDENE	767588	C10. H12	132
718	1-ETHYL-2,3-DIHYDRO-1H-INDENE	4830993	C11. H14	146
719	1,1#-(1-METHYL-1,2-ETHANEDIYL)BIS-BENZENE	5814657	C15. H16	196
720	3-HEXANONE	589388	C6 . H12. O1	100

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2K O2C O2K S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
721	6-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	1680519	C11. H14	146
722	2,3,4-TRIMETHYLBENZOIC ACID	1076477	C10. H12. O2	164
723	2-METHYL-2-NONEN-4-ONE	2903233	C10. H18. O1	154
724	XCHLOROACETIC ACID	79118	C2 . H3 . O2 .CL1	94
725	1,4-BIS(1-METHYLETHYL)BENZENE	100185	C12. H18	162
726	1-HEPTENYLBENZENE	829992	C13. H18	174
727	2,3,6-TRIMETHYLBENZOIC ACID	2529364	C10. H12. O2	164
728	3-METHYL-2,2-DIOXIDE-1H-2,1,3-BENZOTHIADIAZIN-4(3H)-ONE	2225483	C8 . H8 . N2 . O3 . S1	212
729	X1-CHLORO-2-PROPANONE	78955	C3 . H5 . O1 .CL1	92
730	ACETIC ACID, 1-METHYLETHYL ESTER	108214	C5 . H10. O2	102
731	.BETA.-OXO-BENZENEACETIC ACID, ETHYL ESTER	614277	C10. H10. O3	178
732	1,3-DIHYDRO-2,2-DIOXIDE-2,1,3-BENZOTHIADIOZOLE	1615861	C6 . H5 . N2 . O2	170
733	METHYL-(2-METHYLPROPYL) BENZENE	100	C11. H16	148
734	2-BUTANOL	78922	C4 . H10. O1	74
735	3,5,5-TRIMETHYL-2(5H)-FURANONE	50598508	C7 . H10. O2	126
736	2-PROPYLCYCLOHEXANONE	94655	C9 . H16. O1	140
737	~~XTRICHLOROMETHANE~~	~~67663~~	~~C1 . H1 .CL3~~	~~118~~
738	5-METHYL-5-PHENYL-2-HEXANONE	14128611	C13. H18. O1	190
739	.BETA...BETA.,3,4-TETRAMETHYLBENZENEPROPANOIC ACID	55583108	C13. H18. O2	206
740	2,2-DIMETHYLPROPANOIC ACID,2,4,6-TRIMETHYLPHENYL ESTER	54644405	C14. H20. O2	220
741	6-UNDECANONE	927491	C11. H22. O1	170
742	2,6-DIMETHYLCYCLOHEXANOL	5337724	C8 . H16. O1	128
743	HEXAHYDRO-3-(2-PROPENYL)-2H-AZEPIN-2-ONE	29559340	C9 . H15. N1 . O1	153
744	1(2,6-DIHYDROXY-4-METHOXYPHENYL)ETHANONE	7507893	C9 . H10. O4	182
745	X.ALPHA.-HYDROXY-BENZENE ACETIC ACID	98642	C8 . H8 . O3	152
746	(2-CHLORO-2-PROPENYL)OXYBENZENE	53299539	C9 . H9 . O1 .CL1	168
747	1-(ETHENYLOXY)-DECANE	765859	C12. H24. O1	184
748	.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE ACETIC ACID	515388	C9 . H10. O3	166
749	4-BUTYL-1,3-CYCLOPENTANEDIONE	94244723	C9 . H14. O2	154
750	2-HYDROXY-3-METHYL-1,4-NAPHTHALENEDIONE	483556	C11. H8 . O3	188
751	4-ISOBUTYLTOLUENE	5161845	C11. H16	148
752	X5-METHYL-1,3-BENZENEDIOL	504154	C7 . H8 . O2	124
753	3-METHYLPENTANEDIOIC ACID, DIBUTYL ESTER	56851606	C14. H26. O4	258
754	7-METHYL-7-HEPTADECANOL	55723338	C18. H38. O1	270
755	CHLORDCYCLOHEXANE	542187	C6 . H11.CL1	118
756	1-PHENYLNAPHTHALENE	605027	C16. H12	204
757	2-PHENYLNAPHTHALENE	612942	C16. H12	204
758	2-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	32367547	C12. H16	160
759	X2-METHYL-9,10-ANTHRACENEDIONE	84548	C15. H10. O2	222
760	4-METHYL-2,3 DIHYDRO-1H-INDENE	824226	C10. H12	132
761	4-PHENYL-3-BUTEN-2-ONE	122578	C10. H10. O1	146
762	2,4-DIMETHYL-1-(1-METHYLPROPYL)BENZENE	1683609	C12. H18	162
763	~~4-HYDROXY-ALPHA,ALPHA,4-TRIMETHYLCYCLOHEXANEMETHANOL~~ SEE NO. 565	~~80535~~	~~C10. H20. O2~~	~~172~~
764	4-ETHYLBENZENEMETHANOL	768592	C9 . H12. O1	136
765	3,4-DIMETHOXYBENZALDEHYDE	120149	C9 . H10. O3	166

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
766	1,3-DIMETHYLNAPHTHALENE	575417	C12. H12	156
767	(2-METHYL-1-PROPENYL)BENZENE	768498	C10. H12	132
768	1,4-DIPROPYLBENZENE	4815578	C12. H18	162
769	(1,1-DIMETHYLBUTYL) BENZENE	1985575	C12. H18	162
770	XCYCLOPENTACYCLOHEPTENE	275514	C10. H8	128
771	1-METHYL-9H-FLUORENE	1730376	C14. H12	180
772	5-METHYL-2-HEXANOL	627598	C7 . H16. O1	116
773	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	2415[illegible]54	C8 . H12. O1	124
774	OCTAHYDRO-1H-INDENE	496186	C9 . H16	124
775	2,5,8,11-TETRAOXADODECANE	112492	C8 . H18. O4	178
776	X$1,2-DIMETHYLBENZENE	95476	C8 . H10	106
777	FORMIC ACID, BUTYL ESTER	592847	C5 . H10. O2	102
778	IODOCYCLOHEXANE	626620	C6 . H11. I1	210
779	2,2-DIMETHYLBUTANEDIOIC ACID	597433	C6 . H10. O4	146
780	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN	36712286	C9 . H18. O1	142
781	4-HYDROXY-3-METHYL-2-(2-PROPENYL)-2-CYCLOPENTEN-1-ONE	551451	C9 . H12. O2	152
782	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL)-2(1H)-NAPHTHALENONE	55332031	C15. H26. O1	222
783	2,4-DIMETHYL-2-PENTANOL	625069	C7 . H16. O1	116
784	1,3,3-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-ONE	4695629	C10. H16. O1	152
785	1,2-DIMETHYL-3-(1-METHYLETHENYL)CYCLOPENTANOL	4099074	C10. H18. O1	154
786	4,8-DIMETHYL-7-NONEN-2-ONE	3644648	C11. H20. O1	168
787	5-METHYL-2-(1-METHYLETHYL) CYCLOHEXANONE	10458147	C10. H18. O1	154
788	DICYCLOHEXYLADIPATE	849998	C18. H30. O4	310
789	2-METHYL-1-PENTEN-3-ONE	25044013	C6 . H10. O1	98
790	2,2-DIMETHYL-3,5-DECADIENE	55638581	C12. H22	166
791	2,4,6-TRICHLOROBENZENAMINE	634935	C6 . H4 . N1 .CL3	195
792	2,6-BIS(1,1-DIMETHYLETHYL)-2,5-CYCLOHEXADIENE-1,4-DIONE	719222	C14. H20. O2	220
793	2,4-DICHLOROBENZOIC ACID	50840	C7 . H4 . O2 .CL2	190
794	2,4-DIMETHYL HEXANOIC ACID	42329908	C8 . H16. O2	144
795	1-ETHYL-3-METHYL BENZENE	620144	C9 . H12	120
796	1,6-DIMETHYL-4-(1-METHYLETHYL)-NAPHTHALENE	483783	C15. H18	198
797	1,2,3-TRIMETHYL BENZENE	526738	C9 . H12	120
798	1-(3,3-DIMETHYLOXIRANYL)ETHANONE	4478631	C6 . H10. O2	114
799	2,2-DIMETHYLBUTANOIC ACID	595379	C6 . H12. O2	116
800	2-ETHYL BUTANOIC ACID	88095	C6 . H12. O2	116
801	4,4-DIMETHYL-1,3-DIOXANE	766154	C6 . H12. O2	116
802	X3,4-DICHLOROPHENOXYACETIC ACID	588227	C8 . H6 . O3 .CL2	220
803	DODECAMETHYLCYCLOHEXASILOXANE	540976	C12. H36. O6 .SI6	444
804	X2,6-DIMETHYLNAPHTHALENE	581420	C12. H12	156
805	X1-CHLORO-2-NITROBENZENE	88733	C6 . H4 . N1 . O2 .CL1	157
806	X1,3,5-TRIMETHYL BENZENE	108678	C9 . H12	120
807	1-(DICHLOROMETHYL)-4-ETHYLBENZENE	54789296	C9 . H10.CL2	188
808	1,1-DIBUTOXY-BUTANE	5921882	C12. H26. O2	202
809	(Z)-9-OCTADECENAMIDE	301028	C18. H35. N1 . O1	281
810	X*PHOSPHORIC ACID, TRIPHENYL ESTER	115866	C18. H15. O4 . P1	326

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2X P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
811	3,3,5-TRIMETHYLCYCLOHEXANONE	873349	C9 . H16. O1	140
812	1-(4-(1-METHYLETHYL)PHENYL)-ETHANONE	645136	C11. H14. O1	162
813	2-METHYL-3-OXOHEXANOIC ACID, ETHYL ESTER	29304403	C9 . H16. O3	172
814	3-OCTANONE	106683	C8 . H16. O1	128
815	1,2-BENZENEDICARBOXYLIC ACID, DIPENTYL ESTER	131188	C18. H26. O4	306
816	4,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE	10292985	C10. H16. O1	152
X*1	1-CHLORO-2-METHYLBENZENE	95498	C7 . H7 .CL1	126
818	1,1,2,3-TETRACHLOROPROPANE	18495302	C3 . H4 .CL4	180
819	3-HEPTANONE	106354	C7 . H14. O1	114
X1	1-(3-AMINOPHENYL)ETHANONE	99036	C8 . H9 . N1 . O1	135
821	2-CHLOROPROPANOIC ACID	598787	C3 . H5 . O2 .CL1	108
822	2,3-DIMETHYL-2-PENTANOL	4911708	C7 . H16. O1	116
823	3-CHLORO-2-METHYL-1-BUTENE	5166358	C5 . H9 .CL1	104
824	2,3-DICHLORO-2-METHYLPROPANAL	18141227	C4 . H6 . O1 .CL2	140
825	1-CHLORO-3-(CHLOROMETHYL)BENZENE	620282	C7 . H6 .CL2	160
826	1,4-DIHYDRO-1-METHYL-4-OXONICOTINONITRILE	767986	C7 . H6 . N2 . O1	134
827	2,4,4-TRIMETHYL-2-PENTENAL	53307612	C8 . H14. O1	126
828	1-METHYL-4-(1-METHYLETHYL)-1,2-CYCLOHEXANEDIOL	33669768	C10. H20. O2	172
X3	3-METHYL-1-BUTANOL ACETATE	123322	C7 . H14. O2	130
830	2-METHYL-2-BUTENAL	497838	C5 . H8 . O1	84
831	TRIMETHYLOXIRANE	5076197	C5 . H10. O1	86
832	1-HYDROXY-3-METHYL-2-BUTANONE	36360222	C5 . H10. O2	102
833	CIS-2,3-EPOXYHEXANE	6124909	C6 . H12. O1	100
834	2,4-DIMETHYLPENTANAL	27344792	C7 . H14. O1	114
835	1,1#-OXYBISCYCLOHEXANE	4645152	C12. H22. O1	182
836	3-ETHYL-2,2-DIMETHYLOXIRANE	1192229	C6 . H12. O1	100
837	4-HYDROXY-3-METHYL-2-BUTANONE	3393644	C5 . H10. O2	102
838	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE	21293827	C12. H22	166
839	3-HYDROXYBENZALDEHYDE	100834	C7 . H6 . O2	122
840	2,2-DIETHOXYETHANOL	621636	C6 . H14. O3	134
841	6-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	22531200	C12. H16	160
842	2-METHYLPYRIDINE	109068	C6 . H7 . N1	93
843	2-HYDROXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE	35692389	C9 . H12. O3	168
844	3,3-DICHLORO-2-PROPENOIC ACID	1361202	C3 . H2 . O2 .CL2	140
845	ALPHA-METHYLBENZENEACETIC ACID	492375	C9 . H10. O2	150
846	BETA,BETA-DIMETHYLPHENYLACETIC ACID	826551	C10. H12. O2	164
847	3-PHENYL PENTANOIC ACID	5669178	C11. H14. O2	178
848	3-HYDROXYCAPRIC ACID	14292263	C10. H20. O3	188
849	$1,2-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER	131168	C14. H18. O4	250
850	1-(2-PROPENYL)NAPHTHALENE	2489863	C13. H12	168
851	2-METHYLFURAN	534225	C5 . H6 . O1	82
852	N-PHENYL ACETAMIDE	103844	C8 . H9 . N1 . O1	135
853	%TRIS-B-CHLOROETHYL PHOSPHATE	115968	C6 . H12. O4 .CL3 . P1	284
854	BIS(2-ETHOXYETHYL)ETHER	112367	C8 . H18. O3	162
855	N,N-DIMETHYLBENZYLAMINE	103833	C9 . H13. N1	135

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4K M2C N2C P2C P2K O2C O2K S2C S2K X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
856	2,5,8,11,14-PENTAOXAPENTADECANE	143248	C10. H22. O5	222
857	4,7,10-TRIMETHYL-2,5,8,11-TETRAOXATETRADECAN-13-OL	28324349	C13. H28. O5	264
858	4-CHLORO-2-BUTENOIC ACID (GEOMETRY UNKNOWN)	16197983	C4 . H5 . O2 .CL1	120
859	X1,2-BENZISOTHIAZOL-3(2H)-ONE-1,1-DIOXIDE	81072	C7 . H5 . N1 . O3 . S1	183
860	1,3-BIS(1-METHYLPROPYL)BENZENE	1879965	C14. H22	190
861	1,4-BIS(1-METHYLPROPYL)BENZENE	1014411	C14. H22	190
862	X2-METHYL-2-PHENYLOXIRANE	2085883	C9 . H10. O1	134
863	6,6-DIMETHYL-2,5,10-UNDECANETRIONE	50664365	C13. H22. O3	226
864	2-METHYL-2-CYCLOPENTEN-1-ONE	1120736	C6 . H8 . O1	96
865	3,4-DIMETHYLBENZALDEHYDE	5973717	C9 . H10. O1	134
866	3-BROMOHEPTANE	1974056	C7 . H15.BR1	178
867	N-BENZOYL-L-ALANINE, METHYL ESTER	7244679	C11. H13. N1 . O3	207
868	1-HEPTADECANOL	1454859	C17. H36. O1	256
869	1,1,2-TRICHLORO-1-PROPENE	21488259	C3 . H3 .CL3	144
870	3-METHYL-2-HEPTANOL	31367461	C8 . H18. O1	130
871	X*2-CHLORO-BENZENEAMINE	95512	C6 . H6 . N1 .CL1	127
872	2-ETHYL-3-OXOBUTANOIC ACID	4433856	C6 . H10. O3	130
873	TRIDECANOIC ACID	638539	C13. H26. O2	214
874	5-METHYL-3-HEXEN-2-ONE	5166538	C7 . H12. O1	112
875	4,4-DIMETHYLHEXANAL	5932912	C8 . H16. O1	128
876	TETRAHYDRO-2H-PYRAN-2-ONE	542289	C5 . H8 . O2	100
877	2-DECANOL	1120865	C10. H22. O1	158
878	X4-(1,1-DIMETHYLETHYL)PHENOL	98544	C10. H14. O1	150
879	2,5-DICHLORO-4-METHYLBENZOIC ACID	21460988	C8 . H6 . O2 .CL2	204
880	1-NAPHTHALENECARBOXYLIC ACID	86555	C11. H8 . O2	172
881	2-CHLORO-3-METHYL-2-BUTENE	17773658	C5 . H9 .CL1	104
882	*+$PENTACHLOROBIPHENYL + OTHER PCBS	800	C12. H5 .CL5	324
883	2,4-DICHLOROPENTANE	625672	C5 . H10.CL2	140
884	3,6-DIMETHYL-3-HEPTANOL	1573288	C9 . H20. O1	144
885	1-ETHOXY-2-HEPTANONE	51149703	C9 . H18. O2	158
886	3-CYCLOHEXYL-4-PENTEN-2-ONE	55702548	C11. H18. O1	166
887	3-METHYL-1,2,4-CYCLOPENTANETRIONE	4505548	C6 . H6 . O3	126
888	3-ETHOXYPROPANAL	2986851	C5 . H10. O2	102
889	1-(1-CYCLOHEPTEN-1-YL)ETHANONE	14377118	C9 . H14. O1	138
890	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE	17663273	C12. H22. O2	198
891	X3,7-DIMETHYL-6-OCTEN-1-OL	106229	C10. H20. O1	156
892	3-ETHYL-4-METHYL-3-PENTEN-2-ONE	22287112	C8 . H14. O1	126
893	4,4-DIMETHYLCYCLOHEXENE	14372867	C8 . H14	110
894	1-NITRO-2-OCTANONE	16867819	C8 . H15. N1 . O3	173
895	~~2,2,3-TRIMETHYLHEXANE~~	~~1874787~~	~~C9 . H20~~	~~128~~
896	5,5-DIETHOXY-3-PENTYN-2-ONE	5540245	C9 . H14. O3	170
897	3-(2-PROPENYL)-2,4-PENTANEDIONE	3588769	C8 . H12. O2	140
898	2,2-DIMETHYL-3-PROPYLOXIRANE	17512350	C7 . H14. O1	114
899	7-METHYL-3-OCTEN-2-ONE	33046818	C9 . H16. O1	148
900	5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANOL ACETATE	16409453	C12. H22. O2	198

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1V T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
901	3-METHYL-3-DECEN-2-ONE		C11. H20. O1	168
902	6-METHYL-3(2H)-BENZOFURANONE	94411039	C9 . H8 . O2	148
903	2,2#-(METHYLENEBIS(OXY))BIS-BUTANE	28895414	C9 . H20. O2	160
904	9H-XANTHENE	2568329	C13. H10. O1	182
905	6-DODECANOL	92831	C12. H26. O1	186
906	2-METHYL-2-HEXANOL	6836388	C7 . H16. O1	116
907	5-METHYL-3-METHYLENE-2-HEXANONE	625238	C8 . H14. O1	126
908	CYCLODECANOL	1187877	C10. H20. O1	156
909	1-(ETHENYLOXY)PENTANE	1302852	C7 . H14. O1	114
910	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE	5363633	C8 . H14. O1	126
911	BENZENEBUTANAL	28689454	C10. H12. O1	148
912	CIS-5-BUTYLDIHYDRO-4-METHYL-2(3H)-FURANONE	18328119	C9 . H16. O2	156
913	2,6-BIS(1-METHYLETHYL)PHENOL	95813326	C12. H18. O1	178
914	2,6,10-TRIMETHYL-2,6,9,11-DODECATETRAENAL	2878548	C15. H22. O1	218
915	3A,4,5,7A-TETRAHYDRO-4-HYDROXY-3A,7A-DIMETHYL-1(3H)-ISOBENZOFURANONE	4955322	C10. H14. O3	182
916	CYANIC ACID, BUTYL ESTER	9436864	C5 . H9 . N1 . O1	99
917	5-METHYL-3-HEPTANONE	1760247	C8 . H16. O1	128
918	3,8-NONADIEN-2-ONE	541955	C9 . H14. O1	138
919	3A,4,7,7A-TETRAHYDRO-2-PROPYL-1H-ISOINDOLE	55282981	C11. H15. N1 . O2	193
920	2-HEXEN-1-OL	2821287	C8 . H14. O2	142
921	ISOCYANOETHANE	249189	C3 . H5 . N1	55
922	4-PENTEN-2-OL	626793	C5 . H10. O1	86
923	3-CHLORO-3-BUTEN-2-ONE	625318	C4 . H5 . O1 .CL1	104
924	(2-(PENTYLOXY)ETHYL)CYCLOHEXANE	683785	C13. H26. O1	198
925	SULFONYL BIS-METHANE	54952754	C6 . H6 . O2 . S1	94
926	2,4-BIS(1,1-DIMETHYLETHYL)PHENOL	67718	C14. H22. O1	206
927	2-CHLORO-2-PROPENOIC ACID	96764	C3 . H3 . O2 .CL1	106
928	2,4-DIHYDROXYBENZOIC ACID	490798	C7 . H6 . O4	154
929	X4-NITROBENZOIC ACID	89851	C7 . H5 . N1 . O4	167
930	~~HEPTANE~~	142825	C7 . H16	100
931	TETRAHYDRO-2-FURANMETHANOL	62237	C5 . H10. O2	102
932	5,6,7,7A-TETRAHYDRO-6-HYDROXY-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	97334	C11. H16. O3	196
933X++	FLUORANTHENE	1133835	C16. H10	202
934	HEPTADECANOIC ACID, METHYL ESTER	2864448	C18. H36. O2	284
935	X1-PHENYL-1-PROPANONE	1731936	C9 . H10. O1	134
936	(1-NITROETHYL)BENZENE	93558	C8 . H9 . N1 . O2	151
937	2,3,4,5-TETRACHLOROBENZENAMINE	7214611	C6 . H3 . N1 .CL4	229
938	X2-CHLOROPHENOL	636833	C6 . H5 . O1 .CL1	128
939	2-METHYL-1-NAPHTHALENOL	95578	C11. H10. O1	158
940	2,3-DICHLOROBUTENE	7463774	C4 . H6 .CL2	126
941	1-BROMO-2-CHLORO-2-BUTENE	7581977	C4 . H5 .BR1 .CL1	168
942	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE	94418843	C7 . H5 .CL3	194
943	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE	94395	C7 . H5 .CL3	194
944	X+9H-FLUORENE	102476	C13. H10	166
945	1-BROMO-4-METHYLBENZENE	86737	C7 . H7 .BR1	170
		106387		

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
946	1,2-DICHLORO-3-NITROBENZENE	3209221	C6 . N1 . O2 .CL2	191
947	2-CHLORO-1-METHYL-4-(1-METHYLETHYL)BENZENE	4395703	C10. H13.CL1	168
948	2-CHLORO-1-(4-ETHYLPHENYL)-2-METHYL-1-PROPANONE	55812696	C12. H15. O1 .CL1	210
949+X*	1A,2A,3B,4A,5A,6B-HEXACHLOROCYCLOHEXANE	58899	C6 . H6 .CL6	288
950	DICHLOROACETIC ACID, METHYL ESTER	116541	C3 . H4 . O2 .CL2	142
951	XCARBAMICACID, ETHYLESTER	51796	C3 . H7 . N1 . O2	89
952	4-CHLOROPHENYL ACETIC ACID, METHYL ESTER	34848647	C9 . H9 . O2 .CL1	184
953	12-METHYLTETRADECANOIC ACID, METHYL ESTER	5129668	C16. H32. O2	242
954	P-CHLORO-2-NITROANILINE	89634	C6 . H5 . O2 . N2 .CL1	172
955	2,4-DICHLOROPHENOXYACETIC ACID, ETHYL ESTER	54471499	C10. H10. O3 .CL2	248
956	2-OXO-PENTANEDIOIC ACID	328507	C5 . H5 . O5	146
957	1-(3-METHYLOXIRANYL)ETHANONE	17257783	C5 . H8 . O2	100
958	4-HYDROXY-4-METHYLCYCLOHEXANONE	17429826	C7 . H12. O2	128
959	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211	C8 . H12. O1	124
960	X1,2-ETHANEDIOL	107211	C2 . H6 . O2	62
961	4-METHYLPYRIDINE	108894	C6 . H7 . N1	93
962	2,6-DIMETHYLPYRIDINE	589935	C7 . H9 . N1	107
963	2,3,6-TRIMETHYLPYRIDINE	1462866	C8 . H11. N1	121
964	5-ETHYL-2-METHYL-PYRIDINE	104905	C8 . H11. N1	121
965	2,3,4-TRIMETHYLPYRIDINE	2233296	C8 . H11. N1	121
966	2,4,5-TRIMETHYLPYRIDINE	1122398	C8 . H11. N1	121
967	2-ETHYL-6-METHYLPYRIDINE	1122696	C8 . H11. N1	121
968	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17629297	C9 . H14. O1	138
969	3-METHYL BUTANAMIDE	541668	C5 . H11. N1 . O1	101
970	XQUINOLINE	91225	C9 . H7 . N1	129
971	X2-METHYLQUINOLINE	91634	C10. H9 . N1	143
972	1,1'-OXYBIS-2-PROPANOL	110985	C6 . H14. O3	134
973	2-(1-METHYL-2-PIPERIDINYL)-PYRIDINE	19730842	C11. H16. N2	176
974	10-OCTADECENOIC ACID, METHYL ESTER	13038454	C19. H36. O2	296
975	9,11-OCTADECADIENOIC ACID, METHYL ESTER	13038478	C19. H34. O2	294
976	1,2,3,4-TETRAHYDRO-2-METHYL NAPHTHALENE	3877198	C11. H14	146
977	3-METHYL-1H-INDENE	767602	C10. H10	130
978	DIMETHYL NAPHTHALENE	388	C12. H12	156
979	3-ETHOXYPROPIONITRILE	2141628	C5 . H9 . N1 . O1	99
980	(2-PHENYLETHYL)ACETATE	103457	C10. H12. O2	164
981	2-XYLYLETHANOL	27577964	C10. H14. O1	150
982	X3-PHENYL-2-PROPENAL	104552	C9 . H8 . O1	132
983	BENZENEACETALDEHYDE, ALPHA-PHENYL	947911	C14. H12. O1	196
984	4-OCTANONE	589639	C8 . H16. O1	128
985	3-BUTEN-2-OL	598323	C4 . H8 . O1	72
986	1-ETHENYL-2-ETHYLBENZENE	7964638	C10. H12	132
987	1-HEPTADECENE	6765395	C17. H34	238
988	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	1123897	C8 . H12. O1	124
989	DODECANAMIDE	1120167	C12. H25. N1 . O1	199
990	2,3-DIMETHYL BENZOIC ACID, METHYL ESTER	15912369	C10. H12. O2	164

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
991	11-OCTADECENOIC ACID,METHYL ESTER	52380333	C19. H36. O2	296
992	9,12,15-OCTADECATRIENOIC ACID METHYL ESTER	301888	C19. H32. O2	292
993	XN,4-DIMETHYLBENZENESULFONAMIDE	640619	C8 . H11. N1 . O2 . S1	185
994	3-METHYL-1-PENTANOL	589355	C6 . H14. O1	102
995	X•1,2-DIHYDROACENAPHTHALENE	83329	C12. H10	154
996	OCTADECANOL	26762467	C18. H38. O1	270
997	ANTEISOHEPTADECANOIC ACID	457	C17. H34. O2	270
998	4-(1,3-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECARBOXYLIC ACID	38963916	C15. H26. O3	254
999	1-(2-PROPENYLOXY)HEPTANE	16519247	C10. H20. O1	156
1000	8-NONENE-2-ONE	5809325	C9 . H16. O1	140
1001	N-PROPYL-1-HEXANAMINE	20193231	C9 . H21. N1	143
1002	CYCLOHEXYL BENZENE	827521	C12. H16	160
1003	PENTANOIC ACID,ETHYL ESTER	539922	C7 . H14. O2	130
1004	XHEXANDIC ACID, ETHYL ESTER	123660	C8 . H16. O2	144
1005	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	84783158	C14. H22	190
1006	DIETHYL METHYL BENZENE	25550134	C11. H16	148
1007	DECAHYDRO-1,6-DIMETHYLNAPHTHALENE	1758512	C12. H22	166
1008	X3-METHYLISOQUINOLINE	1129830	C10. H7 . N1	143
1009	4-METHYL CYCLOHEXANE CARBOXYLIC ACID	6331948	C8 . H14. O2	142
1010	1,2,4-TRIMETHYL BENZENE	95636	C9 . H12	120
1011	3-OXOBUTANOIC ACID	541506	C4 . H6 . O3	102
1012	1,4-DIMETHYL-2-(2-METHYLPROPYL) BENZENE	99669888	C12. H18	162
1013	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	28798865	C8 . H12. O1	124
1014	5-METHYL-2-FURANCARBOXALDEHYDE	620028	C6 . H6 . O2	110
1015	1,1-DIMETHYL-1H-INDENE	18536558	C11. H12	144
1016	2-PENTENOIC ACID	626982	C5 . H8 . O2	100
1017	4-OCTENOIC ACID	18294898	C8 . H14. O2	142
1018	XUNDECANOIC ACID	112378	C11. H22. O2	186
1019	2-(3-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID	17613739	C10. H11. O3 .CL1	214
1020	7-OXO-OCTANOIC ACID	14112982	C8 . H14. O3	158
1021	1,2,3,3A-TETRAHYDRO AZULENE	33877871	C10. H12	132
1022	~~3,6-DIMETHYLOCTANE~~	~~2051386~~	~~C10. H22~~	~~142~~
1023	7-OCTEN-2-ONE	3664686	C8 . H14. O1	126
1024	6-METHYL-BICYCLO(4.1.0)HEPTAN-2-ONE	1484541	C8 . H12. O1	124
1025	X2-FURANCARBOXALDEHYDE	98011	C5 . H4 . O2	96
1026	6-METHYL-3,5-HEPTADIEN-2-ONE	16647844	C8 . H12. O1	124
1027	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE	42323438	C7 . H14. O1	114
1028	XSULFUROUS ACID,DIETHYL ESTER	623014	C4 . H10. O3 . S1	138
1029	~~(1R,6S)-2,2,6-TRIMETHYL-BICYCLO[4.1.0]HEPTANE~~	~~7667538~~	~~C9 . H16~~	~~124~~
1030	3-(1-METHYLETHYL)-2,4-PENTADIONE	1548381	C8 . H14. O1	142
1031	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	3623058	C7 . H13. N1 . O1	127
1032	TRANS-2-METHYL-5-(1-METHYLETHYL)-CYCLOHEXANONE	499787	C10. H18. O1	154
1033	2-BUTYL-2-OCTENAL	13319164	C12. H22. O1	182
1034	3,3-DIMETHYL-2(3H)-FURANONE	13524768	C10. H18. O2	162
1035	3-(BENZOLOXY)-2,4-PENTANEDIONE	4520477	C12. H12. O4	220

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1036	2-2-DIMETHYLHEXANEDIOIC ACID,DIMETHYL ESTER	17219215	C10. H18. O4	202
1037	CHLORDETHENE	75014	C2 . H3 .CL1	62
1038	X(E)-2-BUTENOIC ACID	3724650	C4 . H6 . O2	86
1039	3-PENTENOIC ACID	5284648	C5 . H8 . O2	100
1040	XETHANEDIOIC ACID	144627	C2 . H2 . O4	90
1041	7-NONENOIC ACID	1022	C9 . H16. O2	156
1042	1-ETHYL-2,3-DIMETHYL BENZENE	933982	C10. H14	134
1043	(1-ETHYL-2-PROPENYL)-BENZENE	19347229	C11. H14	146
1044	2-ETHENYL-1,3-DIMETHYLBENZENE	2039909	C10. H12	132
1045	BIS(3-METHYLPHENYL)METHANONE	2852688	C15. H14. O1	210
1046	1-ACETYLPIPERIDINE	618428	C7 . H13. N1 . O1	127
1047	CIS-2,3-DIHYDRO-2-METHYL-1H-INDENE-1,2-DIOL	56588480	C10. H12. O2	164
1048	2,3-DIHYDRO-3,3-DIMETHYL-1H-INDEN-1-OL	30393929	C11. H14. O1	162
1049	5-ETHENYLTETRAHYDRO-.ALPHA.,.ALPHA.,5-TRIMETHYL-2-FURANMETHANOL	5989333	C10. H18. O2	170
1050	1-(1-CYCLOHEXEN-1-YL)ETHANONE	932661	C8 . H12. O1	124
1051	M-MENTH-1(7)-ENE,(R)-(-)	13837713	C10. H18	138
1052	1,7-DIHYDRO-2-(METHYLAMINO)-6H-PURIN-6-ONE	10030781	C6 . H7 . N5 . O1	165
1053	1-PROPENYLBENZENE	637503	C9 . H10	118
1054	2(3H)-BENZOTHIAZOLONE	934349	C7 . H5 . N1 . O1 . S1	151
1055	X4-METHYLQUINOLINE	491358	C10. H9 . N1	143
1056	4-METHYLPHENANTHRENE	832644	C15. H12	192
1057	1-(3,4-DIHYDROXYPHENYL)ETHANONE	1197097	C8 . H8 . O3	152
1058	TRANS-3-METHYL-3-PENTENOIC ACID	41653934	C6 . H10. O2	114
1059	5-ETHYLDIHYDRO-2(3H)-FURANONE	695867	C6 . H10. O2	114
1060	2-HYDROXY-3-METHYLBENZOIC ACID	83409	C8 . H8 . O3	152
1061	2-ETHYLPHENOL	90006	C8 . H10. O1	122
1062	1,2,3,4-TETRAHYDRO-2,3-DIMETHYLNAPHTHALENE	21564921	C12. H16	160
1063	OCTYL BENZENE	2189608	C14. H22	190
1064	2,4,5-TRIMETHYLBENZALDEHYDE	5779726	C10. H12. O1	148
1065	1-METHYL-3-(2-PHENYLETHENYL)BENZENE	14364483	C15. H14	194
1066	DIPHENYLETHANEDIONE	134816	C14. H10. O2	210
1067	2-(1-(2-METHOXYETHOXY)ETHOXY)ETHANOL	1017	C7 . H16. O4	164
1068	X1-METHYL-4-(1-METHYLETHYL)BENZENE	99876	C10. H14	134
1069	1,1,2,3,3-PENTACHLOROPROPANE	15104617	C3 . H3 .CL5	214
1070	XN,N-DIMETHYLFORMAMIDE	68122	C3 . H7 . N1 . O1	73
1071	1,6-DIMETHYLNAPHTHALENE	575439	C12. H12	156
1072	5-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	2809645	C11. H14	146
1073	2-PROPYLHEPTANOIC ACID	31080394	C10. H20. O2	172
1074	X3,5-DICHLOROPHENOL	591355	C6 . H4 . O1 .CL2	162
1075	2-(1-METHYLETHYL)BENZOIC ACID	2438042	C10. H12. O2	164
1076	1-ETHYL-2-METHYLBENZENE	611143	C9 . H12	120
1077	1-METHYL-2-CYCLOHEXEN-1-OL	23758272	C7 . H12. O1	112
1078	3-(3-(3-METHOXYPROPOXY)PROPOXY)-1-PROPANOL	13133294	C10. H22. O4	206
1079	4-ETHYLPYRIDINE	536754	C7 . H9 . N1	107
1080	X1,3,6-TRIMETHYL-2,4(1H,3H)-PYRIMIDINEDIONE	13509529	C7 . H10. N2 . O2	154

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1081	XDECANAL	112312	C10. H20. O1	156
1082	1-(3,4-DIMETHOXYPHENYL)ETHANONE	1131620	C10. H12. O3	180
1083	X*N-PHENYLBENZENAMINE	122394	C12. H11. N1	169
1084	2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYLPHENOL	128370	C15. H24. O1	220
1085	X1,1#-OXYBISBENZENE	101848	C12. H10. O1	170
1086	2-METHYL-3-PENTANONE	565695	C6 . H12. O1	100
1087	2-ETHYL PENTANOIC ACID	20225245	C7 . H14. O2	132
1088	~~XDECANE~~	~~124185~~	~~C10. H22~~	~~142~~
1089	~~UNDECANE~~	~~1120214~~	~~C11. H24~~	~~156~~
1090	1-ETHYL-3,5-DIMETHYL BENZENE	934767	C10. H14	134
1091	4-ETHYL-1,2-DIMETHYL BENZENE	934805	C10. H14	134
1092	1,2,3,5-TETRAMETHYL BENZENE	527537	C10. H14	134
1093	2,3-DIHYDRO-1,2-DIMETHYL-1H-INDENE	17057826	C11. H14	146
1094	X1,4-DIMETHYLNAPHTHALENE	571584	C12. H12	156
1095	1-CHLORO-4-NITROBENZENE	100885	C6 . H4 . N1 . O2 .CL1	157
1096	2,3,6-TRIMETHYLNAPHTHALENE	829265	C13. H14	170
1097	1,6,7-TRIMETHYLNAPHTHALENE	2245387	C13. H14	170
1098	1,4,6-TRIMETHYL NAPHTHALENE	2131422	C13. H14	170
1099	5-CHLORO-2-METHYLBENZOFURAN	42180825	C7 . H7 . O1 .CL1	166
1100	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (Z)	26130847	C16. H18	210
1101	CHLOROFLUOROBENZENE (ISOMER UNKNOWN)	55256172	C6 . H4 .CL1 . F1	130
1102	1,1,3-TRICHLORO-2-METHYL-1-PROPENE	31782337	C4 . H5 .CL3	158
1103	PENTACHLOROBENZENE	608935	C6 . H1 .CL5	248
1104	2-(1,1-DIMETHYLETHYL)NAPHTHALENE	2876359	C14. H16	184
1105	~~DECYLCYCLOHEXANE~~	~~1795166~~	~~C16. H32~~	~~224~~
1106	4-PHENYLBICYCLOHEXYL	20273272	C18. H26	242
1107	X*1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-4,7-METHANOINDENE	76448	C10. H5 .CL7	370
1108	NITROCYCLOHEXANE	1122687	C6 . H11. N1 . O2	129
1109	2,6-DIMETHYLCYCLOHEXANONE	2916571	C8 . H14. O1	126
1110	METHOXYCYCLOHEXANE	931566	C7 . H14. O1	114
1111	3-ETHYLHEXANOIC ACID	61065912	C8 . H16. O2	144
1112	1-ETHYL-4-METHYL BENZENE	522368	C9 . H12	120
1113	3-HYDROXY-2-BUTANONE	513860	C4 . H9 . O2	88
1114	2-METHYL-2-(1-METHYLETHYL)-1,3-DIOXOLANE	4405167	C7 . H14. O2	130
1115	4-PHENYLPENTANOIC ACID	16433435	C11. H14. O2	178
1116	DIMETHYL-(1-METHYLETHYL)BENZENE	103	C11. H16	148
1117	4-HYDROXY-4-METHYL-2-PENTANONE	123422	C6 . H12. O2	116
1118	2,3-DIHYDRO-1H-INDEN-1-ONE	83330	C9 . H8 . O1	132
1119	2,2#METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL)	119471	C23. H32. O2	340
1120	DIMETHYL INDAN	615	C11. H14	146
1121	2,4,6-TRIMETHYLBENZALDEHYDE	487683	C10. H12. O1	148
1122	3-METHOXYBENZALDEHYDE	591311	C8 . H8 . O2	136
1123	DIBROMOCYCLOHEXENE	8935	C6 . H8 .BR2	238
1124	1-METHYL-3-(1-METHYLETHYL)BENZENE	535773	C10. H14	134
1125	3-METHYL-2-OXOPENTANOIC ACID	1460348	C6 . H10. O3	130

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X M2C N2C P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1126	5-HEXENOIC ACID	1577226	C6 . H10. O2	114
1127	2,6-DIMETHYLHEPTANOIC ACID	60148949	C9 . H18. O2	158
1128	3,3-DIMETHYLBUTYNE	917920	C6 . H10	82
1129	3-METHYL-2-BUTANOL	598754	C5 . H12. O1	88
1130	7-OCTEN-4-OL	53307725	C8 . H16. O1	128
1131	CIS-2-METHYLCYCLOPENTANOL ACETATE	48991933	C8 . H14. O2	142
1132	2,4-BIS(1-METHYLETHYL)PHENOL	2934056	C12. H18. O1	178
1133	4-HYDROXYBENZENEACETIC ACID, ETHYL ESTER	17136282	C10. H12. O3	180
1134	NONANEDIOIC ACID, BIS(2-ETHYLHEXYL)ESTER	103242	C25. H48. O4	412
1135	2-[2-(2-PHENOXYETHOXY)ETHOXY]ETHANOL	7286162	C12. H18. O4	226
1136	2-ETHYL-3-PROPYLOXIRANE	93897328	C7 . H14. O1	114
1137	N,N#-BIS(1,1-DIMETHYL)UREA	5336243	C9 . H20. N2 . O1	172
1138	1-(1-ETHYLPROPYL)-4-METHYLBENZENE	22975582	C12. H18	162
1139	2-METHYL-1-DODECANOL	57289266	C13. H28. O1	200
1140	2-METHYLENE-1-BUTANOL ACETATE	55670892	C7 . H12. O2	128
1141	TETRAHYDRO-2-FURANMETHANOL ACETATE	637649	C7 . H12. O3	144
1142	5-METHOXY-2-PENTANONE	17429048	C6 . H12. O2	116
1143	5-(ACETYLOXY)-2-PENTANONE	5185977	C7 . H12. O3	144
1144	2,3-DIMETHYL-2,3-BUTANEDIOL	76095	C6 . H14. O2	118
1145	1,1-DIMETHOXYCYCLOHEXANE	933404	C8 . H16. O2	144
1146	3,6-DIHYDRO-4,5-DIMETHYL-2H-PYRAN-2-CARBOXYLIC ACID, METHYL ESTER	24588612	C9 . H14. O3	170
1147	5-NONANOL	623938	C9 . H20. O1	144
1148	1-(1,1-DIMETHYLETHOXY)-2-METHYLCYCLOHEXENE	40648268	C11. H20. O1	168
1149	1-[2-(1-METHYLETHYL)PHENYL]ETHANONE	2142656	C11. H14. O1	162
1150	NONYLPHENOL	25154523	C15. H24. O1	220
1151	X2-FURANCARBOXYLIC ACID	88142	C5 . H4 . O3	112
1152	2-BUTENYLBENZENE	1560861	C10. H12	132
1153	5-HEXEN-2-ONE	109499	C6 . H10. O1	98
1154	4-HEPTANOL	589559	C7 . H16. O1	116
1155	X2-METHOXYPHENOL	90051	C7 . H8 . O2	124
1156	SPIRO[5.6]DODECANE	181157	C12. H22	166
1157	1-PHENYL-1,2-PROPANEDIONE	579877	C9 . H8 . O2	148
1158	3,7,11-TRIMETHYL-2,6,10-DODECATRIENOL	3790714	C15. H26. O1	222
1159	1-(BROMOMETHYL)-4-METHYLBENZENE	104814	C8 . H9 .BR1	184
1160	1-CHLORO-4-METHOXYBENZENE	623121	C7 . H7 . O1 .CL1	142
1161	1,2,4,5-TETRACHLOROBENZENE	95943	C6 . H2 .CL4	214
1162	(1-CHLOROETHYL)DIMETHYLBENZENE	54411211	C10. H13.CL1	168
1163	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE	4478108	C10. H13.BR1	212
1164	1-(CHLOROMETHYL)-NAPHTHALENE	86522	C11. H9 .CL1	176
1165	*$TETRACHLOROBIPHENYL	26914330	C12. H6 .CL4	298
1166	*$PENTACHLORO-1,1*-BIPHENYL	25429292	C12. H5 .CL5	324
1167	3-BROMOHEXANE	3377875	C6 . H13.BR1	164
1168	1,1,2-TRICHLOROPROPANE	598776	C3 . H5 .CL3	146
1169	5,8-DIMETHYLQUINOLINE	2623589	C11. H11. N1	157
1170	2,3,5-TRIMETHYLPYRIDINE	695987	C8 . H11. N1	121

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1171	4-ETHYL-2,6-DIMETHYL PYRIDINE	36917359	C9 . H13. N1	135
1172	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE	528694	C9 . H15. N1	137
1173	X2,4-DIMETHYLQUINOLINE	1198374	C11. H11. N1	157
1174	2-(2-(2-BUTOXYETHOXY)ETHOXY)-ETHANOL	143226	C10. H22. O4	206
1175	CIS-9-OCTADECENOIC ACID, METHYL ESTER	112629	C19. H36. O2	296
1176	1,2-BENZISOTHIAZOLE	272162	C7 . H5 . N1	135
1177	9,12-OCTADECADIENOIC ACID	60333	C21. H38. O2	322
1178	4-ETHENYL BENZOIC ACID	1075496	C9 . H8 . O2	148
1179	4-HYDROXYACETOPHENONE	7339879	C8 . H8 . O2	136
1180	2-HYDROXY DECANOIC ACID	5393817	C10. H20. O3	188
1181	X3-METHYLPHENOL	108394	C7 . H8 . O1	108
1182	1-HYDROXYNAPHTHALENE	90153	C10. H8 . O1	144
1183	DIETHYL PHENOL	28987657	C10. H14. O1	150
1184	PHENOL, METHYL ETHER	100663	C7 . H8 . O1	108
1185	2,2*-DIMETHYL-1,1*-BIPHENYL	605398	C14. H14	182
1186	ALPHA-HYDROXY-ALPHA-PHENYLBENZENEACETIC ACID	76937	C14. H12. O3	228
1187	1-METHYL ANTHRACENE	610480	C15. H12	192
1188	4-METHYL-3-HEPTANONE	6137117	C8 . H16. O1	128
1189	METHYL PROPIONATE	554121	C4 . H8 . O2	88
1190	1-(4-METHYLPHENYL)ETHANONE	122889	C9 . H10. O1	134
1191	1-(2,4,6-TRIMETHYLPHENYL)ETHANONE	1667012	C11. H14. O1	162
1192	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE	6630019	C13. H20	176
1193	BENZOIC ACID, 2-ALLYL ESTER	583360	C10. H10. O2	162
1194	1-METHOXYETHYLBENZENE	4013347	C9 . H12. O1	136
1195	QUINOXALINE	91190	C8 . H6 . N2	130
1196	HEPTADECANOIC ACID, ETHYL ESTER	14010232	C19. H38. O2	298
1197	BENZOPHENONE	119619	C13. H10. O1	182
1198	X+PYRENE	129000	C16. H10	202
1199	2,2-DIMETHYL-1-PROPANOL	75843	C5 . H12. O1	88
1200	2-ETHOXYBUTANE	2579870	C6 . H14. O1	102
1201	7-ETHYL DODECAHYDRO-1,4A,7-TRIMETHYL-1-PHENANTHRENECARBOXYLIC ACID	4007696	C20. H32. O2	304
1202	1-ETHYL-1-METHYLCYCLOPENTANE	16747505	C8 . H16	112
1203	X$(1-METHYL ETHYL) BENZENE	98828	C9 . H12	120
1204	(Z)-BENZALDEHYDEOXIME	622322	C7 . H7 . N1 . O1	121
1205	TRANS-9-HEXADECENOIC ACID, METHYL ESTER	1120258	C17. H32. O2	268
1206	6-PHENYL-2-HEXANONE	14171892	C12. H16. O1	176
1207	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL	54063148	C7 . H14. O3	146
1208	XDECANOIC ACID, ETHYL ESTER	110383	C12. H24. O2	200
1209	1,3-DIMETHYL-5-(1-METHYLETHYL)-BENZENE	4706905	C11. H16	148
1210	2,4-DIMETHYL-1-(1-METHYLETHYL)BENZENE	4706892	C11. H16	148
1211	(1-ETHYLPROPYL) BENZENE	1196583	C11. H16	148
1212	3,5,5-TRIMETHYL-3-CYCLOHEXEN-1-ONE	471012	C9 . H14. O1	138
1213	$1-PHENYLPROPANE	103651	C9 . H12	120
1214	2,3-DIHYDRO-1,3-DIMETHYL-1H-INDENE	4175535	C11. H14	146
1215	4,4-DIMETHYL-2-PENTENOIC ACID	6945353	C7 . H12. O2	128

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2K O2C O2K S2C S2X X1C X1K

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1216	C6-BENZENE	258	C12. H18	162
1217	2-METHYL-2-BUTENAL	1115113	C5 . H8 . O1	84
1218	3-FURANCARBOXYLIC ACID	488937	C5 . H4 . O3	112
1219	TETRAHYDRO-3,6-DIMETHYL-2H-PYRAN-2-ONE	3720227	C7 . H12. O2	128
1220	2,3-DIMETHYL-1,4-HEXADIENE	18669528	C8 . H14	110
1221	2-METHYL-CYCLOHEXANEMETHANOL	2105408	C8 . H16. O1	128
1222	X.ALPHA.-METHYL-BENZENEMETHANOL	98851	C8 . H10. O1	122
1223	3,4-DIHYDRO-1(2H)-NAPHTHALENONE	529340	C10. H10. O1	146
1224	PENTANETHYLBENZENE	708129	C11. H16	148
1225	XISOQUINOLINE	119653	C9 . H7 . N1	129
1226	X+$1,1-(DICHLOROETHENYLIDENE)BIS-4-CHLOROBENZENE	72559	C14. H8 .CL4	316
1227	2,4-DIMETHYLPENTANOL	598362	C7 . H16. O1	116
1228	3,3-DIMETHYLBUTANAMINE	3858384	C6 . H15. N1	101
1229	2,7-DIMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	13365871	C12. H16	160
1230	2,4-DIEMTHYLHEPTANE	2213232	C9 . H20	128
1231	2,6-DIMETHYLHEPTANE	1072859	C9 . H20	128
1232	2-(2-METHOXYPROPOXY)-1-PROPANOL	13588288	C7 . H16. O3	148
1233	(4-ETHYLPHENYL) PHENYLMETHANONE	18220501	C15. H14. O1	210
1234	2,4-DICHLOROBENZENAMINE	554887	C6 . H5 . N1 .CL2	161
1235	X3,4-DICHLOROBENZAMINE	95761	C6 . H5 . N1 .CL2	161
1236	2-IODOPENTANE	537978	C5 . H11. I1	198
1237	2-METHYLTHIOPHENE	554143	C5 . H6 . S1	98
1238	1,1,3-TRICHLORO-1-BUTENE	13279862	C4 . H5 .CL3	158
1239	1-ETHYL-2,4-DIMETHYL BENZENE	874419	C10. H14	134
1240	1,2,3,4-TETRAHYDRO-1,6-DIMETHYL-4-(1-METHYLETHYL)NAPHTHALENE	483772	C15. H22	202
1241	2-ETHYL-1,3-DIMETHYL BENZENE	2870844	C10. H14	134
1242	[2-(2-METHOXYMETHYLETHOXY)METHYLETHOXY]PROPANOL	25498491	C10. H22. O4	206
1243	2-(METHYLTHIO)BENZOTHIAZOLE	615225	C8 . H7 . N1 . S2	181
1244	NONANAL	124196	C9 . H18. O1	142
1245	2,3-DIHYDRO-1H-INDENE	496117	C9 . H10	118
1246	(3-METHYL-2-BUTENYL)BENZENE	4489343	C11. H14	146
1247	1,4-DIHYDRO-2,5,8-TRIMETHYLNAPHTHALENE	30316199	C13. H16	172
1248	X+$HEXACHLOROBENZENE	118741	C6 .CL6	282
1249	1-METHYL-4-PROPYLBENZENE	1076551	C10. H14	134
1250	3,3,3-TRICHLORO-2-METHYLPROPENE	4749273	C4 . H5 .CL3	158
1251	1-METHYL-5-(3-PYRIDINYL)-2-PYRROLIDINONE	486566	C10. H12. N2 . O1	176
1252	CYCLOHEPTANONE	502421	C7 . H12. O1	112
1253	BENZYLAMINE	8894	C7 . H9 . N1	107
1254	2-METHYL-2,4-PENTANEDIOL	107415	C6 . H14. O2	118
1255	X+4-METHYL PHENOL	106445	C7 . H8 . O1	108
1256	1,6-DICHLORO-1,5-CYCLOOCTADIENE	29488428	C8 . H10.CL2	176
1257	2,3-DIHYDRO-4,7-DIMETHYL-1H-INDENE	6682719	C11. H14	146
1258	1,2,3,4-TETRAHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	21593516	C13. H18	174
1259	BIS(CHLOROPHENYL)METHANE	25249392	C13. H10.CL2	236
1260	1,2,4,5-TETRAMETHYL BENZENE	95932	C10. H14	134

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1V T4C T4X M2C M2C P2C P2K O2C O2K S2C S2K K1C K1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1261	CIS-4-PHENYL-1,1#-BICYCLOHEXYL	21484127	C18. H26	242
1262	4-METHYLENECYCLOHEXANEMETHANOL	13864266	C8 . H16. O1	126
1263	2,6,6-TRIMETHYL-BICYCLO(3.1.1)HEPTAN-3-ONE	547684	C10. H16. O1	152
1264	3-BUTYL-1,2,4-CYCLOPENTANETRIONE	46885898	C9 . H12. O3	168
1265	X1-PHENYL-1,2-ETHANEDIOL	93561	C8 . H10. O2	138
1266	2-METHYL-5-UNDECANONE	506398226	C12. H24. O1	184
1267	(3,3-DIMETHYLCYCLOHEXYLIDENE)ACETALDEHYDE	26532741	C10. H16. O1	152
1268	4-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL	140669	C14. H22. O1	206
1269	1,2,3,4-TETRAMETHYL BENZENE	488233	C10. H14	134
1270	1-ETHYL-2,3-DIHYDRO-1-METHYL-1H-INDENE	95238798	C12. H16	160
1271	1-CHLOROTETRADECANE	2425949	C14. H29.CL1	232
1272	1,1#-CYCLOHEXYLIDENEBIS-BENZENE	21113983	C18. H20	236
1273	BICYCLO(2.2.2)OCTANE-1,4-DIOL, MONOACETATE	5477496	C10. H16. O3	184
1274	4-METHYL BIPHENYL	644386	C13. H12	168
1275	1-EICOSANOL	629969	C20. H42. O1	298
1276	2-METHOXY-1-PROPANOL	1589679	C4 . H10. O2	90
1277	ISOMYRISTIC ACID	543	C14. H28. O2	228
1278	ISOPENTADECANOIC ACID	544	C15. H30. O2	242
1279	ABIETIC ACID	624	C20. H30. O2	302
1280	DIDEHYDROGENATED ABIETIC ACID	625	C20. H26. O2	298
1281	P-PHENYLACETOPHENONE	486	C14. H12. O1	196
1282	ACETIC ACID, 3-METHOXYPHENYL ESTER	1824	C9 . H10. O3	166
1283	3-HYDROXYPHENYLACETIC ACID, METHYL ESTER	42858593	C9 . H10. O3	166
1284	X2-METHYL ANTHRACENE	613127	C15. H12	192
1285	2-(PHENYLMETHYL) NAPHTHALENE	613592	C17. H14	218
1286	PHENYL P-PYRIDYL KETONE	96771587	C12. H9 . N1 . O1	183
1287	7-ETHYLQUINOLINE	7661474	C11. H11. N1	157
1288	DODECYL PHENOL	271933668	C18. H30	262
1289	DIMETHYL ETHYL BENZENE	280	C10. H14	134
1290	1-PHENYL-2-CYCLOPENTEN-1-OL	56667108	C11. H12. O1	160
1291	2-METHYLBENZALDEHYDE	529204	C8 . H8 . O1	120
1292	2,3-BIS(METHYLENE)-BICYCLO(3.2.1)OCTANE	69826542	C10. H14	134
1293	2,2-DIMETHYLHEPTANE	1071267	C9 . H20	128
1294	*1-ETHENYL-2-METHYLBENZENE	611154	C9 . H10	118
1295	1-IODOPENTANE	628171	C5 . H11. I1	198
1296	2-ETHYL-1,4-DIMETHYL BENZENE	1758889	C10. H14	134
1297	X1H-INDENE	95136	C9 . H8	116
1298	1,2-DIMETHYL-1H-INDENE	53204572	C11. H12	144
1299	4,7-DIMETHYLBENZOFURAN	28715266	C10. H10. O1	146
1300	1,2-DIHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	4506369	C13. H16	172
1301	X**2-CHLORONAPHTHALENE	91587	C10. H7 .CL1	162
1302	1,3,6-TRIMETHYLNAPHTHALENE	3031081	C13. H14	170
1303	1,2,8-TRIMETHYLNAPHTHALENE	3876979	C13. H14	170
1304	1-ETHYL-3-METHYLCYCLOPENTANE	3726474	C8 . H16	112
1305	X**2,4-DIMETHYLPHENOL	105679	C8 . H10. O1	122

(continued)

TABLE 5. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C V1X T2B T1C T1X T1Y T4C T4X N2C N2C P2C P2X O2C O2X S2C S2X X1C X1X

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1306	DIMETHYL-(1-METHYLETHYL)BENZENE	105	C11. H16	148
1307	BENZOFURAN	271896	C8 . H6 . O1	118
1308	4,6-DIISOPROPYL-3-XYLENE	5186685	C14. H22	190
1309	7-METHYLBENZOFURAN	8898	C9 . H8 . O1	132
1310	TRICHLOROHEPTAFLUOROBUTANE	28964807	C4 .CL3 . F7	286
1311	DIMETHYL-(1-METHYLETHYL)BENZENE	104	C11. H16	148
1312	1,2,3-TRIETHYLBENZENE	42205083	C12. H18	162
1313	%(CHLOROMETHYL)BENZENE	100447	C7 . H7 .CL1	126
1314	1-ETHENYL-4-METHYLBENZENE	766372	C9 . H8	116
1315	(1-METHYLPENTYL)BENZENE	6031023	C12. H18	162
1316	1,2,3,4-TETRAHYDRO-1,4,6-TRIMETHYLNAPHTHALENE	22824324	C13. H18	174
1317	1-(1-METHYLETHENYL)-4-(1-METHYLETHYL)BENZENE	2388149	C12. H16	160
1318	1,1# 3#,1##-TERPHENYL	92868	C18. H14	230
1319	OECAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL)NAPHTHALENE	15404634	C15. H28	208
1320	1-CHLORO-4-(1-CHLOROETHENYL)CYCLOHEXENE	13547063	C8 . H10.CL2	176
1321	2,4,6-TRIMETHYL-1,1#-BIPHENYL	3976350	C15. H16	196
1322	4-PHENYLBICYCLOHEXYL	20273272	C18. H26	242
1323	2,4,5,7-TETRAMETHYLPHENANTHRENE	7396385	C18. H18	234
1324	(1,1#-BICYCLOPENTYL)-2-ONE	4884246	C10. H16. O1	152
1325	2-(1,1-DIMETHYLETHYL)PHENOL	88186	C10. H14. O1	150
1326	4-(1-ETHYL-1-METHYLHEXYL)PHENOL	52427131	C15. H24. O1	220
1327	4-(2,2,3,3-TETRAMETHYLBUTYL) PHENOL	54932784	C14. H22. O1	206
1328	NONADECANOIC ACID, ETHYL ESTER	18281044	C21. H42. O2	326
1329	5-DECANONE	820231	C10. H20. O1	156
1330	ISOPALMITIC ACID	545	C16. H32. O2	256
1331	DIBROMOPHENOL	546	C6 . H4 . O1 .BR2	250
1332	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL	10482561	C10. H18. O1	154
1333	1,2-CYCLOHEXANEDIOL	931179	C6 . H12. O2	116
1334	BUTYL THIAZOLE	5086222	C6 . H11. N3	125
1335	2-HYDROXY-5-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE	572764	C10. H12. O2	164
1336	1,1 DIETHOXY ETHANE	105577	C6 . H14. O2	118
1337	7-METHYL-3(2H)-BENZOFURANONE	669045	C9 . H8 . O2	148
1338	O-NITROTOLUENE	88722	C7 . H7 . N1 . O2	137

TABLE 6. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN DW CONCENTRATES, SHOWING THE NUMBER OF OCCURRENCES

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		NUMBER IDENTIFIED																			
		V1C	X1C	V1X	T2B	X1X	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X
1.	UNSUBSTITUTED ALIPHATIC	2	0	7	0	1	2	0	6	4	6	7	12	10	12	10	11	4	18	26	3
2.	HALOGENATED ALIPHATIC	0	2	1	0	0	10	2	30	13	3	20	4	16	6	16	3	5	4	18	11
3.	SUBSTITUTED ALIPHATIC	30	28	32	44	15	51	38	93	60	57	79	54	80	64	94	67	72	61	133	52
4.	UNSUBSTITUTED ALICYCLIC	0	0	10	3	3	2	0	1	2	7	2	22	5	12	14	13	7	12	16	5
5.	HALOGENATED ALICYCLIC	0	0	0	0	0	0	0	5	1	1	5	0	8	0	3	0	2	0	5	5
6.	SUBSTITUTED ALICYCLIC	4	6	3	6	4	14	12	10	14	15	20	20	22	21	31	14	23	24	38	19
7.	UNSUBSTITUED AROMATIC	6	4	72	20	21	11	3	34	26	48	12	93	39	73	37	73	44	65	55	21
8.	HALOGENATED AROMATIC	4	0	4	1	0	10	3	52	17	4	9	5	25	11	16	6	8	5	21	9
9.	SUBSTITUTED AROMATIC	16	6	59	25	15	38	11	63	57	47	31	54	59	56	64	48	52	54	64	41
10.	UNSUBSTITUTED PNA	3	4	39	16	14	1	3	12	12	22	5	45	30	43	29	44	25	35	32	15
11.	HALOGENATED PNA	1	0	0	0	0	1	0	2	1	0	0	1	2	1	2	2	0	0	1	1
12.	SUBSTITUTED PNA	1	1	7	3	3	4	1	3	4	2	3	6	5	5	6	12	4	5	8	4
13.	ALCOHOL GROUP	13	13	21	16	6	29	29	25	40	29	55	30	36	27	62	33	28	31	80	28
14.	ALDEHYDE GROUP	1	1	7	3	2	2	1	3	2	9	7	8	1	11	9	6	12	7	12	6
15.	AMIDE GROUP	0	0	1	2	1	5	1	1	2	4	3	0	3	3	2	1	5	5	3	1
16.	AMINE GROUP	3	0	1	0	1	9	1	8	9	8	2	1	3	3	9	1	6	5	18	4
17.	CARBOXYLIC ACID	15	13	24	13	8	38	29	47	53	50	46	37	67	55	66	51	58	53	69	55
18.	ESTER GROUP	20	5	19	28	9	14	6	61	12	13	19	14	22	20	22	15	25	17	25	9
19.	ETHER GROUP	2	5	10	5	3	20	3	22	26	19	38	21	27	30	40	23	24	18	50	18
20.	HETEROATOM IN RING	4	6	3	3	3	24	2	5	20	18	25	10	12	13	24	3	22	17	33	9
21.	KETONE	5	8	21	4	4	22	14	20	23	27	34	45	34	34	44	28	42	49	85	28
22.	NITRO GROUP	1	1	3	1	0	1	2	8	7	3	0	0	4	1	1	1	0	1	3	3
23.	PHTHALIC DI-ESTER	6	1	4	3	2	5	1	4	4	3	7	2	9	3	4	2	3	3	1	2
24.	PHENOL GROUP	6	0	12	1	0	7	4	10	13	8	6	7	9	9	7	8	5	13	18	9
25.	SULFUR ATOM	2	0	1	1	0	3	0	6	1	1	0	1	2	1	5	0	3	0	3	2

TABLE 7. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN DW CONCENTRATES, SHOWING THE NUMBER OF OCCURRENCES AS A PERCENTAGE OF THE TOTAL NUMBER OF IDENTIFIED COMPOUNDS

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

PERCENT OF TOTAL*

		V1C	X1C	V1X	T2B	X1X	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X
1.	UNSUBSTITUTED ALIPHATIC	3	0	4	0	2	1	0	2	2	3	3	5	4	5	3	5	2	8	7	2
2.	HALOGENATED ALIPHATIC	0	4	1	0	0	7	3	12	7	2	9	2	6	3	5	1	2	2	5	6
3.	SUBSTITUTED ALIPHATIC	51	54	28	44	26	34	49	38	31	31	36	23	32	27	32	38	31	26	34	30
4.	UNSUBSTITUTED ALICYCLIC	0	0	6	3	5	1	0	0	1	4	1	9	2	5	5	6	3	5	4	3
5.	HALOGENATED ALICYCLIC	0	0	0	0	0	0	0	2	1	1	2	0	3	0	1	0	1	0	1	3
6.	SUBSTITUTED ALICYCLIC	7	12	2	6	7	9	16	4	7	8	9	8	9	9	11	6	10	10	10	11
7.	UNSUBSTITUED AROMATIC	10	8	46	20	36	7	4	14	13	26	5	39	16	31	13	33	19	28	14	12
8.	HALOGENATED AROMATIC	7	0	3	1	0	7	4	21	9	2	4	2	10	5	5	3	3	2	5	5
9.	SUBSTITUTED AROMATIC	27	12	37	25	26	25	14	26	30	26	14	23	24	24	22	22	22	23	16	24
10.	UNSUBSTITUTED PNA	5	8	25	16	24	1	4	5	6	12	2	19	12	18	10	20	11	15	8	9
11.	HALOGENATED PNA	2	0	0	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0	0	1
12.	SUBSTITUTED PNA	2	2	4	3	5	3	1	1	2	1	1	3	2	2	2	5	2	2	2	2
13.	ALCOHOL GROUP	22	25	13	16	10	19	38	10	21	16	25	13	14	12	21	15	12	13	21	16
14.	ALDEHYDE GROUP	2	2	4	3	3	1	1	1	1	5	3	3	0	5	3	3	5	3	3	4
15.	AMIDE GROUP	0	0	1	2	2	3	1	0	1	2	1	0	1	1	1	0	2	2	1	1
16.	AMINE GROUP	5	0	1	0	2	6	1	3	5	4	1	0	1	1	3	0	3	2	3	2
17.	CARBOXYLIC ACID	25	25	15	13	14	25	36	19	27	27	21	15	27	24	23	23	25	23	18	32
18.	ESTER GROUP	34	10	12	28	16	9	8	25	6	7	9	6	9	9	8	7	11	7	6	5
19.	ETHER GROUP	3	10	6	5	5	13	4	9	13	10	17	9	11	13	14	10	10	8	13	11
20.	HETEROATOM IN RING	7	12	2	3	5	16	3	2	10	5	11	4	5	6	8	1	9	7	8	5
21.	KETONE	8	15	13	4	7	15	18	8	12	15	15	19	14	15	15	13	18	21	22	16
22.	NITRO GROUP	2	2	2	1	0	1	3	3	4	2	0	0	2	0	0	0	0	0	1	2
23.	PHTHALIC DI-ESTER	10	2	3	3	3	3	1	2	2	2	3	1	4	1	1	1	1	1	0	1
24.	PHENOL GROUP	10	0	8	1	0	5	5	4	7	4	3	3	4	4	2	4	2	6	5	5
25.	SULFUR ATOM	3	0	1	1	0	2	0	2	1	1	0	0	1	0	2	0	1	0	1	1
	TOTAL NUMBER OF IDENTIFIED COMPOUNDS	50	52	158	99	58	151	77	243	193	181	220	239	249	233	292	221	233	231	289	171

* PERCENTAGE IS BASED ON THE TOTAL NUMBER OF IDENTIFIED COMPOUNDS RATHER THAN THE TOTAL NUMBER OF FUNCTIONAL GROUPS FORMED. THUS, THE SUM OF THE PERCENTAGES FOR A CONCENTRATE WILL TOTAL MORE THAN 100 PERCENT.

TABLE 8. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN DW CONCENTRATES, SHOWING THE TOTAL GC PEAK SIZE FOR EACH GROUP ON THE SP1000 GC COLUMN

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

COL. 1 TOTAL RS

		V1C	X1C	V1X	T2B	X1X	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X
1.	UNSUBSTITUTED ALIPHATIC	0.0	-	4.2	-	1.2	4.0	-	4.6	3.3	3.6	5.3	6.0	5.4	4.6	5.9	6.3	3.9	6.0	5.7	2.5
2.	HALOGENATED ALIPHATIC	-	2.2	-1.0	-	-	6.4	3.0	7.2	3.0	3.6	7.2	3.6	6.4	1.3	5.3	3.5	4.5	2.5	5.4	4.5
3.	SUBSTITUTED ALIPHATIC	3.4	6.0	5.6	6.5	3.7	8.3	6.7	7.4	6.8	6.2	8.2	7.9	8.6	7.2	8.3	7.5	7.6	7.0	7.5	6.8
4.	UNSUSBSTITUTED ALICYCLIC	-	-	5.3	5.0	8.8	4.1	-	2.0	-1.4	3.5	3.9	7.2	4.7	5.8	6.0	5.9	5.9	3.9	5.7	2.3
5.	HALOGENATED ALICYCLIC	-	-	-	-	-	-	-	2.0	0.6	1.6	5.2	-	3.9	-	2.9	-	2.5	-	1.5	0.0
6.	SUBSTITUTED ALICYCLIC	8.4	4.5	5.0	5.3	1.9	6.1	6.6	6.6	5.0	5.2	7.7	6.7	7.7	5.8	7.6	5.8	5.8	5.7	6.9	4.5
7.	UNSUBSTITUED AROMATIC	0.2	4.8	7.5	5.3	4.7	3.8	3.5	6.8	4.7	5.5	4.6	9.8	5.5	8.6	5.6	8.7	6.3	8.1	4.4	2.9
8.	HALOGENATED AROMATIC	0.5	-	3.3	1.8	-	5.4	2.8	7.1	5.1	3.7	5.0	3.7	6.2	5.3	6.2	4.0	5.8	2.9	4.4	3.2
9.	SUBSTITUTED AROMATIC	2.6	4.6	6.5	7.1	4.6	7.6	6.4	7.7	6.2	6.5	8.8	9.2	8.7	8.6	8.6	7.0	7.4	7.2	6.5	6.5
10.	UNSUBSTITUTED PNA	-1.0	4.8	7.3	5.2	4.6	1.0	3.5	6.5	2.0	4.8	2.2	9.5	4.7	8.5	5.1	8.6	6.1	8.0	3.8	2.6
11.	HALOGENATED PNA	-1.0	-	-	-	-	2.0	-	3.0	-0.4	-	-	0.0	2.7	0.8	1.9	3.8	-	-	0.0	0.0
12.	SUBSTITUTED PNA	-1.0	4.0	5.4	2.2	2.2	3.5	4.0	5.4	2.9	3.1	4.9	6.8	5.0	5.1	5.2	6.2	5.0	5.0	3.5	3.4
13.	ALCOHOL GROUP	1.3	5.0	4.3	6.4	3.5	7.8	7.1	7.2	6.1	5.9	8.1	7.3	8.3	6.4	8.1	7.0	7.2	6.2	7.3	6.3
14.	ALDEHYDE GROUP	-1.0	0.0	4.7	2.4	1.6	4.3	4.0	4.5	3.9	4.5	5.9	6.9	4.7	5.9	5.5	5.6	5.2	4.6	4.0	1.9
15.	AMIDE GROUP	-	-	8.0	2.0	0.2	5.4	4.0	2.0	3.2	3.9	5.3	-	5.3	3.0	3.9	3.8	5.2	3.5	3.3	1.2
16.	AMINE GROUP	-0.4	-	0.0	-	0.2	4.8	3.0	5.3	2.8	4.4	2.6	3.6	5.8	3.0	3.0	0.8	4.0	3.0	4.2	0.8
17.	CARBOXYLIC ACID	2.7	5.3	4.7	5.3	4.3	8.4	6.7	6.5	7.2	6.8	7.2	7.7	8.3	7.4	8.3	6.2	7.9	7.4	7.1	7.0
18.	ESTER GROUP	3.3	4.9	4.9	7.1	3.7	7.1	3.7	7.1	4.7	4.5	8.8	7.3	8.6	6.0	8.2	5.9	5.7	4.9	6.2	2.5
19.	ETHER GROUP	2.2	4.3	5.3	5.2	3.3	7.5	6.0	5.4	5.5	5.7	7.8	7.0	7.2	6.2	7.7	6.5	7.2	5.5	6.7	5.3
20.	HETEROATOM IN RING	2.3	4.3	2.1	3.6	0.2	6.5	4.3	5.4	4.3	4.9	7.4	6.6	6.7	5.6	7.3	4.5	7.2	4.2	6.3	4.2
21.	KETONE	2.1	3.8	4.9	5.0	2.0	6.2	6.1	6.9	5.0	5.5	7.7	7.6	7.4	6.3	7.4	7.3	6.7	6.6	7.2	5.3
22.	NITRO GROUP	1.0	5.0	4.1	1.0	-	0.0	3.1	3.9	4.1	5.0	-	-	3.0	2.7	3.8	4.8	-	3.9	3.5	3.5
23.	PHTHALIC DI-ESTER	2.2	0.0	1.0	3.3	1.6	6.1	0.0	6.3	2.8	3.6	8.7	0.0	8.4	2.7	8.1	2.8	4.5	0.0	2.5	1.5
24.	PHENOL GROUP	1.4	-	3.0	1.0	-	6.5	4.8	6.7	5.0	5.5	5.5	6.4	5.8	5.1	6.0	4.7	4.7	5.7	3.8	6.0
25.	SULFUR ATOM	1.0	-	0.0	2.0	-	3.3	0.0	6.4	2.6	2.6	-	3.6	5.3	2.7	4.8	-	3.1	-	3.5	3.2

TABLE 9. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN DW CONCENTRATES, SHOWING THE TOTAL GC PEAK SIZE FOR EACH GROUP ON THE SP2100 GC COLUMN

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

COL. 2 TOTAL RS

		V1C	X1C	V1X	T2B	X1X	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X
1.	UNSUBSTITUTED ALIPHATIC	1.0	-	0.0	-	0.0	4.0	-	3.5	0.6	3.6	6.7	4.7	5.8	4.0	4.1	2.4	0.9	2.5	4.7	0.0
2.	HALOGENATED ALIPHATIC	-	0.0	0.0	-	-	6.1	4.3	7.0	3.4	4.3	6.7	3.6	6.0	4.5	5.3	1.8	4.0	1.1	4.6	5.8
3.	SUBSTITUTED ALIPHATIC	2.1	7.1	3.7	5.9	1.9	6.9	6.8	8.1	6.3	6.9	8.7	7.8	7.2	6.7	7.8	6.6	6.7	6.6	7.3	5.5
4.	UNSUBSTITUTED ALICYCLIC	-	-	2.4	0.0	3.3	0.0	-	3.0	0.6	2.7	0.0	6.3	3.0	7.7	1.1	1.9	6.1	3.8	3.5	2.4
5.	HALOGENATED ALICYCLIC	-	-	-	-	-	-	-	4.4	1.6	0.0	4.4	-	5.1	-	3.1	-	0.0	-	2.1	3.7
6.	SUBSTITUTED ALICYCLIC	1.0	5.0	-1.0	5.0	2.2	5.1	4.3	4.6	4.0	4.2	7.8	2.6	6.3	5.0	6.4	3.1	6.0	4.3	5.5	3.7
7.	UNSUBSTITUED AROMATIC	1.3	3.6	5.5	4.0	4.0	4.1	5.0	6.6	4.4	5.6	2.0	9.6	5.9	8.6	4.6	6.4	6.3	8.0	4.4	3.8
8.	HALOGENATED AROMATIC	0.0	-	0.0	0.0	-	4.3	5.1	6.7	4.4	5.7	5.7	3.1	4.8	5.5	3.8	0.8	4.2	3.5	3.7	3.7
9.	SUBSTITUTED AROMATIC	3.5	4.1	5.1	6.5	4.3	6.1	5.1	7.5	5.7	6.3	8.4	9.2	8.2	9.0	8.2	6.3	6.4	6.7	6.4	5.6
10.	UNSUBSTITUTED PNA	0.1	3.6	5.2	3.9	3.8	0.0	5.0	5.9	2.3	4.7	1.6	9.3	3.9	8.5	3.8	6.1	6.2	8.0	3.9	3.7
11.	HALOGENATED PNA	0.0	-	-	-	-	0.0	-	1.0	1.6	-	-	1.6	2.0	-0.3	1.8	0.8	-	-	0.2	1.2
12.	SUBSTITUTED PNA	0.0	0.0	2.0	5.0	1.2	0.0	2.0	5.4	3.2	3.9	5.2	5.1	4.8	4.3	4.2	4.3	4.1	3.5	3.4	1.8
13.	ALCOHOL GROUP	1.0	6.3	1.1	5.7	2.7	5.4	6.7	7.4	5.1	6.0	7.9	7.1	6.2	5.5	7.6	5.9	5.9	5.7	6.9	4.4
14.	ALDEHYDE GROUP	0.0	6.0	3.0	1.0	0.0	4.0	2.0	5.5	3.3	3.9	5.3	4.6	4.7	5.6	4.5	4.6	4.5	4.6	5.4	1.7
15.	AMIDE GROUP	-	-	-1.0	2.2	0.0	0.0	0.0	0.0	2.6	3.2	0.0	-	2.7	4.7	0.0	0.0	5.1	1.9	2.5	0.0
16.	AMINE GROUP	1.0	-	0.0	-	0.0	1.0	2.0	4.0	3.4	3.7	0.6	0.0	3.9	0.0	2.6	0.0	2.9	3.5	3.3	1.9
17.	CARBOXYLIC ACID	2.4	5.7	3.5	5.2	3.5	7.0	6.5	7.6	6.5	7.3	8.8	7.4	7.6	7.2	7.2	6.5	6.9	6.7	6.9	6.3
18.	ESTER GROUP	3.6	2.2	4.2	6.3	3.9	6.2	3.0	7.4	5.1	3.6	8.3	7.4	8.0	6.4	8.2	5.6	6.0	5.7	5.3	3.5
19.	ETHER GROUP	0.0	4.3	-1.0	0.0	0.2	5.8	4.8	6.9	5.0	6.1	6.1	4.7	4.9	5.3	6.9	5.5	5.4	5.3	6.6	5.0
20.	HETEROATOM IN RING	1.0	4.3	0.0	2.0	1.4	5.1	2.0	3.0	5.1	2.9	6.4	4.6	5.2	5.8	6.9	8.0	6.0	3.6	5.8	3.5
21.	KETONE	1.1	5.3	2.8	2.0	0.0	5.3	2.0	7.3	4.7	5.0	6.4	6.4	6.8	5.5	6.2	5.2	5.5	5.4	5.6	4.2
22.	NITRO GROUP	0.0	0.0	0.0	0.0	-	3.0	0.0	4.7	2.9	3.6	-	-	3.0	0.0	0.0	0.0	-	3.9	2.3	3.3
23.	PHTHALIC DI-ESTER	3.4	1.0	3.1	2.2	3.3	5.1	3.0	5.3	4.7	1.2	8.0	4.7	7.9	4.5	7.9	2.8	4.5	4.4	8.8	1.2
24.	PHENOL GROUP	0.0	-	1.1	0.0	-	0.0	0.0	5.3	3.8	5.0	0.0	4.9	5.7	4.8	4.2	3.8	2.1	4.3	5.3	0.2
25.	SULFUR ATOM	1.0	-	-1.0	1.0	-	3.0	-	5.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.9	-	2.2	3.8

TABLE 10. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN DW CONCENTRATES, SHOWING THE TOTAL GC PEAK SIZE FOR EACH GROUP ON BOTH GC COLUMNS

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

TOTAL RS

		V1C	X1C	V1X	T2B	X1X	T1C	T1X	T1Y	T4C	T4X	M2C	M2X	N2C	N2X	P2C	P2X	O2C	O2X	S2C	S2X
1.	UNSUBSTITUTED ALIPHATIC	1.2	-	4.2	-	1.2	4.6	-	4.6	3.3	4.2	6.8	6.2	6.2	4.9	5.9	6.3	3.9	6.0	5.8	2.5
2.	HALOGENATED ALIPHATIC	-	2.2	-1.0	-	-	6.4	4.3	7.6	3.6	4.3	7.5	4.3	6.6	4.5	5.9	3.5	4.8	2.6	5.6	5.8
3.	SUBSTITUTED ALIPHATIC	3.6	7.3	5.6	6.7	3.8	8.4	7.4	8.4	7.0	7.1	9.1	8.2	8.7	7.4	8.7	7.6	7.7	7.2	7.9	6.2
4.	UNSUSBSTITUTED ALICYCLIC	-	-	5.3	5.8	3.3	4.1	-	3.0	0.7	3.5	3.9	7.5	4.7	7.8	6.0	5.9	6.6	4.2	5.7	2.5
5.	HALOGENATED ALICYCLIC	-	-	-	-	-	-	-	4.4	1.6	1.6	5.2	-	5.1	-	3.1	-	2.5	-	2.1	3.7
6.	SUBSTITUTED ALICYCLIC	1.4	5.4	5.0	5.8	2.7	6.2	6.6	6.7	5.1	5.3	8.1	6.7	7.7	6.1	7.6	5.8	6.4	5.7	6.9	4.6
7.	UNSUBSTITUED AROMATIC	1.5	4.8	7.5	5.4	5.0	4.6	5.1	7.1	5.2	6.0	4.6	10.0	6.3	8.9	5.7	8.7	6.5	8.2	4.9	4.0
8.	HALOGENATED AROMATIC	0.5	-	3.3	1.0	-	5.4	5.1	7.4	5.1	5.7	5.8	4.1	6.3	5.6	6.2	4.0	5.8	3.9	4.6	4.1
9.	SUBSTITUTED AROMATIC	3.8	5.0	6.6	7.2	4.9	7.7	6.4	8.1	6.5	6.8	9.1	9.7	8.8	9.1	8.8	7.2	7.5	7.4	6.9	6.6
10.	UNSUBSTITUTED PNA	0.3	4.8	7.3	5.3	4.9	1.0	5.1	6.5	2.5	5.2	2.6	9.8	4.9	8.8	5.1	8.6	6.3	8.1	4.3	3.9
11.	HALOGENATED PNA	-1.0	-	-	-	-	2.0	-	3.1	1.6	-	-	1.6	2.8	-0.3	1.9	3.9	-	-	0.2	1.2
12.	SUBSTITUTED PNA	-1.0	4.0	5.4	5.0	2.5	3.5	4.0	5.8	3.7	3.9	5.6	6.8	5.0	5.1	5.2	6.2	5.1	5.0	3.8	3.5
13.	ALCOHOL GROUP	2.2	6.5	4.3	6.5	3.7	7.9	7.5	7.8	6.1	6.4	8.5	7.6	8.3	6.7	8.4	7.1	7.3	6.3	7.7	6.3
14.	ALDEHYDE GROUP	-1.0	6.0	4.7	2.6	1.6	4.3	4.0	5.5	3.9	4.7	6.0	6.9	4.7	5.9	5.7	5.7	5.4	4.6	5.5	2.1
15.	AMIDE GROUP	-	-	-1.0	2.6	0.2	5.4	4.0	2.0	3.2	4.0	5.3	-	5.4	4.8	3.9	3.8	5.7	3.6	3.4	1.2
16.	AMINE GROUP	1.2	-	8.0	-	0.2	4.8	3.0	5.4	3.4	4.4	2.7	3.6	5.8	3.8	3.3	8.8	4.2	3.5	4.4	2.1
17.	CARBOXYLIC ACID	2.3	6.1	4.7	5.4	4.5	8.4	7.0	7.8	7.3	7.5	8.8	7.9	8.5	7.5	8.4	6.8	7.9	7.5	7.4	7.1
18.	ESTER GROUP	4.0	4.9	5.0	7.2	4.1	7.2	4.1	7.7	5.4	4.6	8.9	7.5	8.7	6.5	8.4	6.0	6.2	5.9	6.3	3.6
19.	ETHER GROUP	2.2	4.9	5.3	5.2	3.3	7.6	6.2	7.0	5.7	6.4	7.9	7.1	7.3	6.3	8.0	6.7	7.2	5.8	7.3	5.6
20.	HETEROATOM IN RING	2.4	4.9	2.2	3.7	1.6	6.5	4.3	5.4	5.2	4.9	7.5	6.7	6.7	6.0	7.7	4.5	7.3	4.3	6.3	4.2
21.	KETONE	2.3	5.4	4.9	5.1	2.0	6.3	6.1	7.7	5.3	5.8	7.9	7.7	7.5	6.5	7.5	7.3	6.8	6.7	7.3	5.3
22.	NITRO GROUP	1.0	5.0	4.1	1.0	-	3.0	3.1	4.8	4.1	5.0	-	-	3.6	2.7	3.8	4.8	-	3.9	3.5	3.5
23.	PHTHALIC DI-ESTER	3.6	1.0	3.2	3.5	3.3	6.1	3.0	6.5	4.8	3.7	8.8	4.7	8.4	4.6	8.2	3.4	4.9	4.4	2.5	1.8
24.	PHENOL GROUP	1.4	-	3.1	1.0	-	6.5	4.8	6.8	5.0	5.6	5.5	6.4	6.4	5.5	6.8	4.7	4.7	5.7	5.4	6.0
25.	SULFUR ATOM	1.6	-	-1.8	2.8	-	3.8	-	6.6	2.6	2.6	-	3.6	5.3	2.7	4.8	-	3.6	-	3.5	3.8

TABLE 11. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN DW CONCENTRATES, SHOWING ALL TABULATED PARAMETERS

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		UNS ALI	HAL ALI	SUB ALI	UNS ALC	HAL ALC	SUB ALC	UNS ARO	HAL ARO	SUB ARO	UNS PNA	HAL PNA	SUB PNA	ALCOHOL	ALDEHYD	AMIDE	AMINE	CARBOXY	ESTER	ETHER	HETERO	KETONE	NITRO	PHTHALI	PHENOL	SULFUR
V1C	NUMBER IDENTIFIED	2	0	38	0	1	4	6	4	16	3	1	1	13	1	0	3	15	20	2	4	5	1	6	6	2
	PERCENT OF TOTAL	3	0	51	0	0	7	10	7	27	5	2	2	22	2	0	5	25	34	3	7	8	2	10	10	3
	COL. 1 TOTAL RS	0	0	3	0	0	0	0	0	3	-1	-1	-1	2	-1	0	-0	3	3	2	2	2	1	2	1	1
	COL. 2 TOTAL RS	1	0	2	0	0	1	1	0	4	0	0	0	1	0	0	1	2	4	0	1	1	0	3	0	1
	TOTAL RS	1	0	4	0	0	1	2	0	4	0	-1	-1	2	-1	0	1	3	4	2	2	2	1	4	1	2
X1C	NUMBER IDENTIFIED	0	2	28	0	0	6	4	0	6	4	0	1	13	1	0	0	13	5	5	6	8	1	1	0	0
	PERCENT OF TOTAL	0	4	54	0	0	12	8	0	12	8	0	2	25	2	0	0	25	10	10	12	15	2	2	0	0
	COL. 1 TOTAL RS	0	2	6	0	0	4	5	0	5	5	0	4	5	0	0	0	5	5	4	4	4	5	0	0	0
	COL. 2 TOTAL RS	0	0	7	0	0	5	4	0	4	4	0	0	6	6	0	0	6	2	4	4	5	0	1	0	0
	TOTAL RS	0	2	7	0	0	5	5	0	5	5	0	4	7	6	0	0	6	5	5	5	5	5	1	0	0
V1X	NUMBER IDENTIFIED	7	1	32	10	0	3	72	4	59	39	0	7	21	7	1	1	24	19	10	3	21	3	4	12	1
	PERCENT OF TOTAL	4	1	20	6	0	2	46	3	37	25	0	4	13	4	1	1	15	12	6	2	13	2	3	8	1
	COL. 1 TOTAL RS	4	-1	6	5	0	5	8	3	7	7	0	5	4	5	0	0	5	5	5	2	5	4	1	3	0
	COL. 2 TOTAL RS	0	0	4	2	0	-1	5	0	5	5	0	2	1	3	-1	0	3	4	-1	0	3	0	3	1	-1
	TOTAL RS	4	-1	5	5	0	5	8	3	7	7	0	5	4	5	-1	0	5	5	5	2	5	4	3	3	-1
T2B	NUMBER IDENTIFIED	0	0	44	3	0	6	28	1	25	16	0	3	16	3	2	0	13	20	5	3	4	1	3	1	1
	PERCENT OF TOTAL	0	0	44	3	0	6	28	1	25	16	0	3	16	3	2	0	13	20	5	3	4	1	3	1	1
	COL. 1 TOTAL RS	0	0	6	5	0	5	5	1	7	5	0	2	6	2	2	0	5	7	5	4	5	1	3	1	2
	COL. 2 TOTAL RS	0	0	6	0	0	5	4	0	6	4	0	5	6	1	2	0	5	6	0	2	2	0	2	0	1
	TOTAL RS	0	0	7	5	0	6	5	1	7	5	0	5	7	3	3	0	5	7	5	4	5	1	3	1	2
X1X	NUMBER IDENTIFIED	1	0	15	3	0	4	21	0	19	14	0	3	6	2	1	1	0	9	3	3	4	0	2	0	0
	PERCENT OF TOTAL	2	0	26	5	0	7	36	0	26	24	0	5	10	3	2	2	14	16	5	6	7	0	3	0	0
	COL. 1 TOTAL RS	1	0	4	1	0	2	5	0	5	5	0	2	3	2	0	0	4	4	3	0	2	0	2	0	0
	COL. 2 TOTAL RS	0	0	2	3	0	2	4	0	4	4	0	1	3	0	0	0	4	4	3	1	0	0	3	0	0
	TOTAL RS	1	0	4	3	0	3	5	0	5	5	0	2	4	2	0	0	5	4	3	2	2	0	3	0	0
T1C	NUMBER IDENTIFIED	2	10	51	2	0	14	11	10	38	1	1	4	29	2	5	9	38	14	20	24	22	1	5	7	3
	PERCENT OF TOTAL	1	7	34	1	0	9	7	7	25	1	1	3	19	1	3	6	25	9	13	16	15	1	3	5	2
	COL. 1 TOTAL RS	4	6	8	4	0	6	4	5	8	1	2	4	8	4	5	5	8	7	7	6	6	0	6	7	3
	COL. 2 TOTAL RS	4	6	7	0	0	5	4	4	6	0	0	0	5	4	0	1	7	6	6	5	5	3	5	0	3
	TOTAL RS	5	6	8	4	0	6	5	5	8	1	2	4	8	4	5	5	8	7	8	6	6	3	6	7	4
T1X	NUMBER IDENTIFIED	0	2	38	0	0	12	3	3	11	3	0	1	29	1	1	1	28	6	3	2	14	2	1	4	0
	PERCENT OF TOTAL	0	3	49	0	0	16	4	4	14	4	0	1	38	1	1	1	36	8	4	3	18	3	1	5	0
	COL. 1 TOTAL RS	0	3	7	0	0	7	3	2	6	3	0	4	7	4	4	3	7	4	6	4	6	3	0	5	0
	COL. 2 TOTAL RS	0	4	7	0	0	4	5	5	5	5	0	2	7	2	0	2	6	3	5	2	2	0	3	0	0
	TOTAL RS	0	4	7	0	0	7	5	5	6	5	0	4	7	4	4	3	7	4	6	4	6	3	3	5	0

(continued

TABLE 11. (Continued)

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		UNS ALI	HAL ALI	SUB ALI	UNS ALC	HAL ALC	SUB ALC	UNS ARO	HAL ARO	SUB ARO	UNS PNA	HAL PNA	SUB PNA	ALCOHOL	ALDEHYD	AMIDE	AMINE	CARBOXY	ESTER	ETHER	HETERO	KETONE	NITRO	PHTHALI	PHENOL	SULFUR
T1Y	NUMBER IDENTIFIED	6	30	93	1	5	10	34	52	63	12	2	3	25	3	1	8	47	61	22	5	20	8	4	10	6
	PERCENT OF TOTAL	2	12	38	0	2	4	14	21	26	5	1	1	10	1	0	3	19	25	9	2	8	3	2	4	2
	COL. 1 TOTAL RS	5	7	7	2	2	7	7	7	8	6	3	5	7	4	2	5	7	7	5	5	7	4	6	7	6
	COL. 2 TOTAL RS	3	7	8	3	4	5	7	7	8	6	1	5	7	5	8	4	8	7	7	3	7	5	5	5	5
	TOTAL RS	5	8	8	3	4	7	7	7	8	6	3	6	8	6	2	5	8	8	7	5	8	5	7	7	7
T4C	NUMBER IDENTIFIED	4	13	60	2	1	14	26	17	57	12	1	4	40	2	2	9	53	12	26	20	23	7	4	13	1
	PERCENT OF TOTAL	2	7	31	1	1	7	13	9	38	6	1	2	21	1	1	5	27	6	13	10	12	4	2	7	1
	COL. 1 TOTAL RS	3	3	7	-1	1	5	5	5	6	2	-0	3	6	4	3	3	7	5	5	4	5	4	3	5	3
	COL. 2 TOTAL RS	1	3	6	1	2	4	4	4	6	2	2	3	5	3	3	3	6	5	5	5	5	3	5	4	0
	TOTAL RS	3	4	7	1	2	5	5	5	6	2	2	3	6	4	3	3	7	5	6	5	5	4	5	5	3
T4X	NUMBER IDENTIFIED	6	3	57	7	1	15	48	4	47	22	0	2	29	9	4	8	50	13	19	10	27	3	3	8	1
	PERCENT OF TOTAL	3	2	31	4	1	8	26	2	26	12	0	1	16	5	2	4	27	7	10	5	15	2	2	4	1
	COL. 1 TOTAL RS	4	4	6	4	2	5	6	4	7	5	0	3	6	5	4	4	7	5	6	5	6	5	4	6	3
	COL. 2 TOTAL RS	4	4	7	3	0	4	6	6	6	5	0	4	6	4	3	4	7	4	6	3	5	4	1	5	0
	TOTAL RS	4	4	7	4	2	5	6	6	7	5	0	4	6	5	4	4	7	5	6	5	6	5	4	6	3
M2C	NUMBER IDENTIFIED	7	20	79	2	5	20	12	9	31	5	0	3	55	7	3	2	46	19	38	25	34	0	7	6	0
	PERCENT OF TOTAL	3	9	36	1	2	9	5	4	14	2	0	1	25	3	1	1	21	9	17	11	15	0	3	3	0
	COL. 1 TOTAL RS	5	7	8	4	5	8	5	5	9	2	0	5	8	6	5	3	7	9	8	7	8	0	9	6	0
	COL. 2 TOTAL RS	7	7	9	0	4	8	2	6	8	2	0	5	8	5	0	1	9	8	6	6	6	0	8	6	0
	TOTAL RS	7	7	9	4	5	8	5	6	9	3	0	6	8	6	5	3	9	9	8	7	8	0	9	6	0
M2X	NUMBER IDENTIFIED	12	4	54	22	0	20	93	5	54	45	1	6	30	0	0	1	37	14	21	10	45	0	2	7	1
	PERCENT OF TOTAL	5	2	23	9	0	8	39	2	23	19	0	3	13	3	0	0	15	6	9	4	19	0	1	3	0
	COL. 1 TOTAL RS	6	4	8	7	0	7	10	4	9	10	0	7	7	7	0	4	8	7	7	7	8	0	8	6	4
	COL. 2 TOTAL RS	5	4	8	6	0	3	10	3	9	9	2	5	7	5	0	0	7	7	5	5	6	0	5	5	0
	TOTAL RS	6	4	8	7	0	7	10	4	10	10	2	7	8	7	0	4	8	7	7	7	8	0	5	6	4
M2C	NUMBER IDENTIFIED	10	16	80	5	8	22	39	25	59	30	2	5	36	1	3	3	67	22	27	12	34	4	9	9	2
	PERCENT OF TOTAL	4	6	32	2	3	9	16	10	24	12	1	2	14	0	1	1	27	9	11	5	14	2	4	4	1
	COL. 1 TOTAL RS	5	6	9	5	4	8	6	6	9	5	3	5	8	5	5	6	8	9	7	7	7	3	8	6	5
	COL. 2 TOTAL RS	6	6	7	3	5	6	6	5	8	4	2	5	6	5	3	4	8	8	5	5	6	3	8	6	0
	TOTAL RS	6	7	9	5	5	8	6	6	9	5	3	5	8	5	5	6	8	9	7	7	8	4	8	6	5
M2X	NUMBER IDENTIFIED	12	6	64	12	0	21	73	11	56	43	1	5	27	11	3	3	55	20	30	13	34	1	3	9	1
	PERCENT OF TOTAL	5	3	27	5	0	9	31	5	24	18	0	2	12	5	1	1	24	9	13	6	15	0	1	4	0
	COL. 1 TOTAL RS	5	1	7	6	0	6	9	5	9	8	0	5	6	6	3	3	7	6	6	6	8	3	3	5	3
	COL. 2 TOTAL RS	4	4	7	8	0	5	9	5	9	9	-0	4	6	6	5	0	7	6	5	5	5	0	4	5	0
	TOTAL RS	5	5	7	8	0	6	9	6	9	9	-0	5	7	6	5	3	8	7	6	6	7	3	5	6	3

(continued)

TABLE 11. (Continued)

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		UNS ALI	HAL ALI	SUB ALI	UNS ALC	HAL ALC	SUB ALC	UNS ARO	HAL ARO	SUB ARO	UNS PNA	HAL PNA	SUB PNA	ALCOHOL	ALDEHYD	AMIDE	AMINE	CARBOXY	ESTER	ETHER	HETERO	KETONE	NITRO	PHTHALI	PHENOL	SULFUR
P2C	NUMBER IDENTIFIED	10	16	94	14	3	31	37	16	64	29	2	6	62	9	2	9	66	22	48	24	44	1	4	7	5
	PERCENT OF TOTAL	3	5	32	5	1	11	13	5	22	10	1	2	21	3	1	3	23	8	14	8	15	0	1	2	2
	COL. 1 TOTAL RS	6	5	8	6	3	8	6	6	9	5	2	5	8	6	4	3	8	8	8	7	7	4	8	6	5
	COL. 2 TOTAL RS	4	5	8	1	3	6	5	4	8	4	2	4	8	4	0	3	7	8	7	7	6	0	8	4	0
	TOTAL RS	6	6	9	6	3	8	6	6	9	5	2	5	8	6	4	3	8	8	8	8	8	4	8	6	5
P2X	NUMBER IDENTIFIED	11	3	67	13	0	14	73	6	48	44	2	12	33	6	1	1	51	15	23	3	28	1	2	8	0
	PERCENT OF TOTAL	5	1	30	6	0	6	33	3	22	20	1	5	15	3	0	0	23	7	10	1	13	0	1	4	0
	COL. 1 TOTAL RS	6	3	8	6	0	6	9	4	7	9	4	6	7	6	4	1	6	6	6	4	7	5	3	5	0
	COL. 2 TOTAL RS	2	2	7	2	0	3	6	1	6	6	1	4	6	5	0	0	6	6	5	0	5	0	3	4	0
	TOTAL RS	6	3	8	6	0	6	9	4	7	9	4	6	7	6	4	1	7	6	7	4	7	5	3	5	0
O2C	NUMBER IDENTIFIED	4	5	72	7	2	23	44	0	52	25	0	4	28	12	5	6	58	25	24	22	42	0	3	5	3
	PERCENT OF TOTAL	2	2	31	3	1	10	19	3	22	11	0	2	12	5	2	3	25	11	10	9	18	0	1	2	1
	COL. 1 TOTAL RS	4	5	8	6	2	6	6	6	7	6	0	5	7	5	5	4	8	6	7	7	7	0	5	5	3
	COL. 2 TOTAL RS	1	4	7	6	0	6	6	4	6	6	0	4	6	5	5	3	7	6	5	6	6	0	4	2	3
	TOTAL RS	4	5	8	7	2	6	6	6	7	6	0	5	7	5	6	4	8	6	7	7	7	0	5	5	4
O2X	NUMBER IDENTIFIED	18	4	61	12	0	24	65	5	54	35	0	5	31	7	5	5	53	17	18	17	49	1	3	13	0
	PERCENT OF TOTAL	8	2	26	5	0	10	28	2	23	15	0	2	13	3	2	2	23	7	8	7	21	0	1	6	0
	COL. 1 TOTAL RS	6	3	7	4	0	6	8	3	7	8	0	5	6	5	3	3	7	5	6	4	7	4	0	6	0
	COL. 2 TOTAL RS	3	1	7	4	0	4	8	4	7	8	0	3	6	5	2	4	7	6	5	4	5	4	4	4	0
	TOTAL RS	6	3	7	4	0	6	8	4	7	8	0	5	6	5	4	4	7	6	6	4	7	4	4	6	0
S2C	NUMBER IDENTIFIED	26	10	133	16	5	38	55	21	64	32	1	8	80	12	3	10	69	25	50	33	65	3	1	10	3
	PERCENT OF TOTAL	7	5	34	4	1	10	14	5	16	8	0	2	21	3	1	3	18	6	13	8	22	1	0	5	1
	COL. 1 TOTAL RS	6	5	7	6	1	7	4	4	7	4	0	3	7	4	3	4	7	6	7	6	7	3	2	4	3
	COL. 2 TOTAL RS	5	5	7	4	2	5	4	4	6	4	0	3	7	5	2	3	7	5	7	5	6	2	0	5	2
	TOTAL RS	6	6	8	6	2	7	5	5	7	4	0	4	8	5	3	4	7	6	7	6	7	3	2	5	3
S2X	NUMBER IDENTIFIED	3	11	52	5	5	19	21	9	41	15	1	4	28	6	1	4	55	9	18	9	28	3	2	9	2
	PERCENT OF TOTAL	2	6	30	3	3	11	12	5	24	9	1	2	16	4	1	2	32	5	11	5	16	2	1	5	1
	COL. 1 TOTAL RS	3	5	6	2	0	5	3	3	7	3	0	3	6	2	1	1	7	2	5	4	5	3	1	6	3
	COL. 2 TOTAL RS	0	6	6	2	4	4	4	4	6	4	1	2	4	2	0	2	6	3	5	4	4	3	1	0	4
	TOTAL RS	3	6	6	3	4	5	4	4	7	4	1	3	6	2	1	2	7	4	6	4	5	4	2	6	4

TABLE 12. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN AWT CONCENTRATES, SHOWING THE SIZE OF THE GC PEAK

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE															
			VLC	XLC	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
1	CLOFIBRIC ACID †	882097			3.0	7.0	7.0	8.0		2.0	6.0	7.0	7.0			4.0	3.0	3.0	3.0	
2	DIOCTYL SEBACATE	122623			4.0					9.1	6.0						3.0		6.0	
3	X+$DI-N-BUTYLPHTHALATE	84742	2.0		9.0	6.0	*7.0	5.0	*9.1			3.0	*3.6	*8.1	7.1	7.0	5.0	*8.1	6.0	*5.0
4	2-(2-BUTOXYETHOXY)ETHANOL (A DIETHYLE	112345						6.0	9.0	6.0	5.0			6.0	5.0	6.0		5.0	1.0	
5	DIETHYLENE GLYCOL, 4-METHOXYBUTYL BUTYL	1002							9.0											
6	DIETHYLENE GLYCOL, 2-METHOXYBUTYL BUTYL	1003							9.0											
7	X*DIPHENYLAMINE	122394			5.2	1.6			1.0	8.0	3.1	2.0								
8	X+$DIOCTYLPHTHALATE	117840			6.0						6.0			8.0	7.0			2.0		
9	2-ETHYLHEXANOIC ACID	149575	-1.0		4.0	4.0	3.0	*8.0	5.0	3.0	*6.0	2.0	*5.0	6.0	5.0		4.0	4.0	4.0	
10	XBENZOIC ACID	65850		1.0	5.0	5.0	6.0	8.0	2.0	*3.0	*6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
11	1-(2-BUTOXYETHOXY) ETHANOL	54446785			6.0	3.0			8.0	1.0	3.0	2.0		5.0	5.0	5.1				
12	2,4-DIMETHYLBENZOIC ACID	611018				2.0	4.0	8.0	2.0		4.0	2.0			3.0					
13	XTRIS-B-CHLOROETHYL PHOSPHATE	115968				3.0		5.0		6.0	8.0	4.0	5.0		5.0		3.0		3.1	5.0
14	PHENOXY ACETIC ACID	122598					6.0	8.0				5.0	5.0							
15	M-TOLUIC ACID	99047						8.0						4.0	4.0	2.0	2.0	3.0		
16	2-PHENYLPROPIONIC ACID	492375						8.0					5.0		4.0		2.0			
17	2-ETHYL-3-METHYLMALEIC ACID	41654095						8.0			5.0	3.0			5.0		4.0	4.0	6.0	5.0
18	TRIPROPYLENE GLYCOL, METHYL ETHER	488			4.0	6.1	7.0	6.0			5.3	4.0	2.6	5.0					5.0	4.0
19	TRIPROPYLENE GLYCOL, METHYL ETHER	482			4.0	6.1	7.0	6.0			6.0	3.0							5.0	
20	TRIPROPYLENE GLYCOL, METHYL ETHER	483			4.0	6.1	7.0	6.0											5.0	5.0
21	TRIPROPYLENE GLYCOL, METHYL ETHER	481			3.0	6.1	7.0	6.0			5.2	4.0	4.1	5.0	6.0				5.0	2.0
22	X1-BUTANOL	71363				5.0		7.0			2.0			6.0	6.2	4.0	5.1	6.2		4.2
23	TRIETHYLENE GLYCOL N-BUTYL ETHER	143226	1.0			5.0*			7.0					4.0*						
24	DIOCTYL ADIPATE	123795	0.0	3.6	5.0	*3.0*					4.0*				7.0	4.0	*	7.0		
25	X8IS(2-ETHYLHEXYL) ADIPATE	103231	0.0			2.0*		5.0		5.0	5.0	3.0*		7.0					5.0	
26	X$1,1,2,2-TETRACHLOROETHANE	79345		5.0		3.0*			3.0	*	7.0	*6.0	*6.0	*	6.0	*		4.0	*0.0	*
27	XMONOBUTYL PHTHALATE	131704		2.0				7.0		3.0				6.0	6.0	3.0	5.0	5.0	3.0	
28	XPALMITIC ACID	57103		5.0	3.0	*5.0	*6.0	*				5.0	*	5.0	*6.1	*7.0	*		5.0	*5.0
29	XSTEARIC ACID	57114		5.0		5.0	*					4.0	*		6.0	*7.0	*	3.0	*4.0	*4.0
30	ORTHO-TOLUIC ACID	118901			5.0	4.0		7.0	3.0				5.0	5.0	3.0	4.0	2.0	1.0	2.0	
31	4-PHENYL PENTANOIC ACID	16433435			3.0	2.0		7.0												
32	3,3-DIMETHYLBUTYRIC ACID	1070833			3.0	5.0		7.0					4.0							2.0
33	XCAPRYLIC ACID	124072			4.0	3.0	3.0	7.0		3.0	5.0		5.0	6.0	6.0		4.0	3.0	3.0	2.0
34	BUTYLATED HYDROXY TOLUENE (BHT)	128370			4.1			2.0		7.0	3.0	1.0		2.0	1.0		1.2			1.0
35	2,6-DI-TERT-BUTYLPHENOL	128392			5.0					7.0										
36	XPHENYLACETIC ACID	103822				4.0	4.0	7.0						3.0	4.0		2.0	5.0	5.0	5.0
37	3,5-DIMETHYLBENZOIC ACID	499069				2.0	4.0	7.0	3.0		3.0	3.0	4.0	2.0	3.0		2.0			
38	3-PHENYL PENTANOIC ACID	5669178				4.0		7.0				3.0					2.0			
39	XETHOSUXIMIDE	77674				6.0		7.0							4.0		4.0	4.0	5.0	4.0
40	DIETHYLENE GLYCOL, BUTYL ETHER	431				2.0						4.0	4.0		7.0					
41	$BUTYL-BUTOXY ETHYL PHTHALATE	33374286				7.0											2.0			
42	2,5-DIMETHYLBENZOIC ACID	610720					3.0	7.0	2.0			4.0	5.0	2.0				4.0		
43	P-TOLUIC ACID	99945					4.0	7.0		4.0			4.0	3.0	4.0	1.0	2.0	3.0		
44	XP-CHLOROBENZOIC ACID	74113					4.0	7.0	4.0			3.0				2.0	4.0			
45	XSACCHARIN	81072					5.0	7.0				5.0	5.0							2.0

† THIS ENTRY APPEARS OUT OF ORDER. IT SHOULD APPEAR BETWEEN ENTRIES NO. 6 AND NO. 18.

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE														
			V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
46	4-METHYLHEXANOIC ACID	1561111						7.0												
47	6-NONENOIC ACID	31502235						7.0												
48	O-METHYLBENZOIC ACID	28134318						7.0												
49	BETA,BETA-DIMETHYLBENZENEPROPIONIC ACID	1010486						7.0												
50	2,3-DIMETHYLMALEIC ACID	488211						7.0				5.0			4.0		4.0	4.0	5.0	
51	1-PHENYLBUTYRIC ACID	1821121						7.0	2.0											
52	XMANDELIC ACID	90642						7.0												
53	O-CHLOROBENZOIC ACID	118912						7.0	4.0			5.0	6.0				2.0	2.0		
54	3,4-DICHLOROBENZOIC ACID	51445						7.0				5.0					3.0	2.0		
55	2-BENZYLACRYLIC ACID	2495394						7.0												
56	4-(1,5-DIMETHYL-3-OXOHEXYL)-1-CYCLOHEXEN	17844074						7.0			4.0					2.0		4.0		
57	$BUTYL METHYL PHTHALATE	34006763							4.0	3.0			7.0	4.0	4.0	3.0	1.0	4.0		
58	TRIETHYLENE GLYCOL, TERT-BUTYL ETHER	29681287							7.0											
59	DIHEXYLADIPATE	110388												7.0	7.0					5.0
60	DIISOOCTYLPHTHALATE	27554263													7.0					
61	DIPROPYLENE GLYCOL, METHYL ETHER	425				4.0	6.0	6.0			5.0	2.0	3.0						5.0	1.0
62	2,5-DI-T-AMYL QUINONE	4584638			2.0					6.0	3.0	1.0								
63	DIPROPYLENE GLYCOL, METHYL ETHER	426				4.0	6.0	6.0			3.0		2.0	3.0					4.0	2.0
64	TRIPROPYLENE GLYCOL, METHYL ETHER	404				6.0														4.0
65	XMETHYL BUTYLKETONE	591786		4.0	2.0	*6.0*					2.0*									
66	TRIPROPYLENE GLYCOL, METHYL ETHER	20324338				5.0	1.0							2.0	6.0					
67	TRIPROPYLENE GLYCOL, METHYL ETHER	406													6.0					5.0
68	TRIPROPYLENE GLYCOL, METHYL ETHER	405													6.0					5.0
69	X+$DIETHYL PHTHALATE	84662	0.0	1.0		3.0*							2.0*	5.0	6.0	3.0*		6.0		
70	2-BUTYL-N-BUTYRATE	819976						6.0												
71	XCAPROIC ACID	142621	-1.0		4.0	4.0	4.0	6.0		3.0*			4.0	5.0	5.0	3.0*	5.0	3.0*	5.0	3.0*
72	XCAPRIC ACID	334485	0.0		4.0*	4.0*				3.0	*6.0			6.0	6.0	1.0	*3.0*	4.0*		
73	XMYRISTIC ACID	544638	1.0	4.0	4.0	*3.0*				3.0	*4.0*		6.0	*6.0	*6.0	*		5.0	*4.0	*5.0
74	PENTADECANOIC ACID	1002842	1.0	2.0		3.0*					3.0*			5.0	*6.0			3.0	*3.0	*4.0
75	ELAIDIC ACID	112798	2.0			4.0*		5.0*							6.0*					
76	DEHYDROABIETIC ACID	5155704	1.0	1.0	4.0	*4.0	*6.0			5.0	*2.0*			5.0	*5.0	*2.0	*3.0	*4.0	*3.0	*
77	X+PHENANTHRENE	85018	-1.0		2.0		1.0	*0.0*		6.0	2.0	*2.0*		2.0	*3.0*		3.0*		1.0*	
78	P-PHENYLACETOPHENONE	496	0.0												6.0	3.0*		4.0*		
79	PALMITOLEIC ACID	2091294	1.0									4.0*			6.0					
80	METHYL OLEATE	112629	1.0		6.0															
81	X$DI-ISOBUTYLPHTHALATE	84695	0.0		5.0		4.0*		6.0			2.0	*3.0	*5.0	6.0	3.0*		5.0		
82	X$DICYCLOHEXYL PHTHALATE	84617	3.0						2.0*						6.0			5.0*		5.0
83	X+$BIS(2-ETHYLHEXYL) PHTHALATE	117817	2.0			2.0*				6.0*			1.0	*6.0	*		2.0	*3.0	*	5.0
84	XLAURIC ACID	143077		3.0	4.0	*3.0*		5.0	*		5.0	*			6.0		3.0	*5.0	*3.0	*3.0
85	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECA	38963916		2.0				6.0			5.0				4.0	*				
86	2-ETHYLBUTANAL	97961		6.0																
87	2-METHYL-3-HEXANOL	617298		6.0																
88	XPELARGONIC ACID	112050			4.0	3.0	3.0				5.0	2.0	5.0	6.0	6.0		4.0	4.0		2.0
89	P-T-BUTYLPHENOXY ACETIC ACID	1798045			4.0	4.0	3.0	5.0		5.0	6.0	5.0	5.0							
90	8-NONENOIC ACID	31642678			3.0	2.0		6.0												

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE																
			V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1N	B1M
91	SUBERIC ACID	505486			2.0								6.0	2.0	4.0		2.0	2.0		
92	X+NAPHTHALENE	91203			1.0		4.0			6.0	6.0					1.0	1.0			
93	9,10-DIHYDRO-9,9-DIMETHYL ACRIDINE	6267023			4.0					6.0										
94	$N-BUTYL-ISOBUTYLPHTHALATE	17851535			5.0		6.0				3.0				6.0	3.0		6.0		
95	ACETYL BIPHENYL	947911			6.0															
96	4-ETHOXYBUTYL BUTANOATE	33931689			6.0				5.0											
97	$METHYL ETHYL PHTHALATE	34006774			5.0						6.0									
98	2-BUTOXYETHYL BUTANOATE	20442062			6.0															
99	XMETHYL PROPYL KETONE	107879			2.0					5.0		6.0								
100	2-PHENYLBUTYRIC ACID	90277				4.0	3.0	6.0	3.0			5.0	5.0		3.0					
101	XPHENOBARBITAL	50066				6.0		6.0			5.0	4.0			3.0	2.0				
102	2,2-DIMETHYL BUTYRIC ACID	595379				3.0		6.0			2.0	4.0				3.0				2.0
103	1-METHOXY-2-PROPANOL	107982				6.0				6.0							5.0		5.0	
104	2-METHYL-3-HEXENOIC ACID	62243576				2.0	3.0	6.0					5.0							
105	2-ETHYLSUBERIC ACID	3971333				6.0					4.0	4.0						4.0	4.0	4.0
106	ISOVALERIC ACID	503742				4.0	5.0	6.0							6.0					
107	3-ETHYLHEXANOIC ACID	41865912				5.0														
108	XAMOBARBITAL	57432				4.0		6.0			4.0								3.0	
109	3,4-DIMETHYLBENZOIC ACID	619045				2.0		6.0						5.0						
110	XSALICYLIC ACID	69727					4.0			2.0		5.0			6.0	3.0	2.0		4.0	5.0
111	XPHTHALIC ACID	88993					3.0							6.0	6.0		3.0	5.0	3.0	2.0
112	2-KETOISOCAPROIC ACID	816660					3.0				6.0									
113	2-METHYLHEPTANOIC ACID	1188029					5.0	6.0												
114	TRIPROPYLENE GLYCOL	1638160					6.0								3.0					
115	P-ISOPROPYL BENZOIC ACID	536663					3.0	6.0	2.0								2.0	2.0		
116	DIPROPYLENE GLYCOL, 2-PROPENYL ETHER	55956257					6.0								3.0					
117	BUTYL BUTYRATE	109217					2.0			3.0					5.0					
118	TRIPROPYLENE GLYCOL, METHYL ETHER (ISOME	25498491					2.0							5.0					6.0	
119	2,2-DIMETHYLVALERIC ACID	1185393						6.0				5.0								
120	XN-HEPTANOIC ACID	111148						5.0			2.0	3.0	3.0	6.0	6.0		4.0	2.0		2.0
121	4-METHYL-4-NITROPENTANOIC ACID	23182025						6.0												
122	4,5-DIMETHYLCYCLOOCTANE CARBOXYLIC ACID	5079						6.0												
123	M-CHLOROBENZOIC ACID	535888						6.0				3.0		3.0	4.0		1.0			
124	2,3-DIMETHYLBENZOIC ACID	603792						6.0				5.0								
125	2,4,5-TRIMETHYLBENZOIC ACID	528905						5.0				4.0	5.0	1.0			1.0			
126	3-HYDROXYCAPRIC ACID	14292263						6.0												
127	X2-NAPHTHOIC ACID	93094						6.0											3.0	
128	CIS-OCTAHYDRONAPHTHALENE CARBOXYLIC ACID	3821736						6.0												
129	5,5-DIMETHYLDIHYDROFURANONE	3123975						3.0			6.0								3.0	4.0
130	3,5-DIMETHYLDIHYDROFURANONE	5145017						3.0			6.0								1.0	3.0
131	N-BUTYLBENZENESULFONAMIDE	3622842							6.0		5.0		4.0				3.0	5.0		
132	3,5-DIMETHYL STYRENE	5379204								3.0	6.0	1.0								
133	XP-TOLUENESULFONAMIDE	70553								6.0		4.0								
134	P-TERT-BUTYLPHENOXYMETHYL ACETATE	54889984								5.0	6.0					2.0				
135	1,2,4-TRIBUTYLBENZENE	14808169								6.0										

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C K1C L2P L2N L2N L2O C3C C1P C1N C1N O2N R1C R2C E1C O2N B2C B1N B1N
136	4-TERPINEOL ISOMER	526	6.0
137	N,N-DIMETHYLHEPTANAMIDE	1115964	6.0 5.0
138	METHYL ELIADATE	1937628	6.0
139	METHYLTRIDECYLOCTANOATE	55193798	6.0
140	BUTYL METHOXYBUTYRATE	1010	6.0
~~141~~	~~2-METHYLHEPTANE~~	~~592276~~	~~6.0~~
142	2,4-DICHLOROBENZOIC ACID	50840	6.0 4.0 3.0
143	XOLEIC ACID	112801	4.0 6.0 5.0 6.0
144	3,7-DIMETHYL-6-OCTENOIC ACID	2806	3.0 6.0
145	TRIS(CHLOROPROPYL)PHOSPHATE	995	6.0
146	TETRAHYDRO-2-METHYL-2-FURANOL	7326467	6.0
147	2-METHYL-2,4-PENTANEDIOL	107415	5.4 3.2
148	2-BUTOXYETHANOL	111762	3.0 1.0 1.0 5.3 3.0 5.0 5.1 4.0 1.0 4.0 3.0
~~149~~	~~XDECANE~~	~~124185~~	~~5.0 5.0 4.0~~
150	HEXAN-3-ONE	589388	5.1 4.0 4.0
151	4-ISOPROPYLACETOPHENONE	645136	5.1
152	6-METHYL-5-HEPTEN-2-ONE	110930	2.0 5.1 2.0
153	2,5-HEXANEDIOL	2935446	1.0 5.1 2.0
154	TETRAHYDRO-1,1-DIOXIDE THIOPHENE	126330	4.2 5.1
155	BENZOTHIAZOLE	95169	1.0 3.0* 3.0* 5.0* 5.0* 5.0* 5.0* 5.0* 5.0* 3.0* 2.0*
156	DIPROPYLENE GLYCOL METHYL ETHER (1-(2-	13429077	3.0 3.0 4.0 5.0
157	ADIPIC ACID, DIHEXYL ESTER	110338	4.0 3.0 5.0
158	X+$BUTYL BENZYL PHTHALATE	85687	5.0 1.0 4.0 2.0 5.0
159	2,6-BIS(1,1-DIMETHYLETHYL)-4-ETHYLPHENOL	4130421	5.0 4.0
160	XBENZALDEHYDE	100527	3.0 1.0 1.0 1.0 4.0 5.0 2.0 1.0 3.0 1.0 2.0 1.0
161	ISOPENTADECANOIC ACID	544	5.0 3.0
162	X*+$PENTACHLOROPHENOL	87865	0.0 5.0 1.0* 4.0* 4.0* 4.0* 5.0 1.0* 1.0* 1.0* 1.0* 1.0*
163	X*+$2,4,6-TRICHLOROPHENOL	88062	-2.0 1.0* 5.0 3.0 2.0* 4.0 2.0 4.0 1.0*
164	X+PYRENE	129000	0.0 3.0 3.0 1.0*
165	XTRIBUTYL PHOSPHATE	126738	1.0 2.0 4.0* 4.0* 5.0* 1.0* 5.0*
166	METHYL PALMITATE	112398	2.0 5.0* 2.0* 2.0*
167	METHYL STEARATE	112618	1.0 5.0* 0.0* 5.0*
168	2-ETHYL-1-HEXANOL	104767	-1.0 4.0 1.0* 5.0 3.0* 2.0* 3.0* 4.0 3.2* 3.0
169	2,6-DI-T-BUTYL-P-BENZOQUINONE	719222	-1.0 2.0* 2.0* 2.0* 5.0 4.0 2.0* 3.0* 1.0* 2.0* 2.0*
~~170~~	~~CARBONIC ACID~~	~~463~~	~~5.0~~
171	X1,4-DIOXANE	123911	4.0 2.0* 5.0* 3.0* 2.0*
172	$ETHYLBENZENE	100414	4.3 5.0* 2.0* 0.0* 1.0* 1.0*
173	X$P-XYLENE	106423	4.0 5.0* 2.0* 0.0* 1.0*
174	XAZELAIC ACID	123999	2.0 5.0 4.0* 5.0 3.0* 4.0* 3.0*
175	ANTEISOHEPTADECANOIC ACID	457	2.0 5.0
176	MARGARIC ACID	506127	3.0 4.0* 5.0* 2.0* 3.0* 4.0*
177	4-METHYL-2-PENTANOL	108112	1.0 5.0 2.0* 1.0* 4.0
178	2-HEXANOL	626937	1.0 2.0* 5.0
179	3-METHYLCYCLOPENTANONE	1757422	5.0 4.0* 1.0*
180	2-HEXANEAMINE	5329793	5.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE														
			VLC	XLC	LZP	LZN	LZM	LZD	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1M	B1N
161	2,4-HEXADIEN-1-OL	111284		5.0																
162	5-PHENYL PENTANOIC ACID	2270204			4.0	5.0														
163	1,1-DIMETHYL TETRALIN	1965597			5.0															
164	4-ETHYL-1,2-DIMETHYL BENZENE	934805			5.0				1.0	3.0										
165	1,3-DISOPROPYL BENZENE	99627			5.0				1.0											
166	%O-CHLOROANILINE	95512			3.2			2.0	2.0	3.0	5.0					1.0				
167	1,4-DIETHYL BENZENE	105055			5.0															
168	%P-CYMENE (P-ISOPROPYL TOLUENE)	99876			5.0							2.0								
169	ISODURENE	527537			5.0				1.0	3.0										
170	1-PHENYL DECANE	104723			5.0															
171	TRIMETHYLNAPHTHALENE	314			3.0		2.0		1.0	5.0										
172	DIBUTYL SEBACATE	109433			5.0															
173	2-(4-TERT-BUTYL PHENOXY)ETHANOL	713462			5.0															
174	1-METHYL-4-(1-METHYLETHYL)-3-CYCLOHEXEN-	586823			5.0															
175	N,N-DI-N-BUTYL FORMAMIDE	761659			5.0															
176	ISOPROPYL PHENYL PROPAN-1-OL	54518115			5.0										3.0					
177	%DIMETHYL PHTHALATE	131113			5.0				4.0			1.0		4.0	4.0	2.0		4.0	4.0	
178	4-TERPINEOL ISOMER	527			5.0					5.0										
179	TRIPROPYLENE GLYCOL, ETHYL ETHER ISOMER	Z8178341			5.0			1.0												
180	N-CYCLOHEXYLPHENOL	1943959			5.0											1.0		1.0		
181	%HYDROCINNAMIC ACID	501528				1.0	3.0						5.0				2.0			
182	2-METHYLBUTYRIC ACID	116538				1.0									4.0		1.0	3.0		5.0
183	2-ETHYLBUTYRIC ACID	88095				4.0		4.0				5.0							2.0	
184	%VALERIC ACID	109524				4.0	4.0	5.0			3.0		2.0	2.0	4.0			3.0	4.0	2.0
185	3-METHYL VALERIC ACID	105431				3.0		5.0			4.0								2.0	1.0
186	BIS(2-ETHOXYETHYL)ETHER	112367				5.0				3.0									3.7	
187	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID	Z044088				5.0	4.0						3.0							
188	%O-PHENOL	108952				4.0	4.0	5.0	3.0	2.0	5.0	5.0	5.0					3.0	3.0	3.0
189	%P-CHLOROPHENOL	106489				1.0	1.0	3.0			5.0	4.0				2.0				
190	%ETHYL ACETATE	141786				5.0														
191	3,3 DIMETHYLGLUTARIC ACID	4839467				4.0	5.0													
192	%PENTABARBITAL	76744				3.0				5.0					4.0					
193	2,4,6-TRIMETHYLBENZOIC ACID	488637				2.0						5.0								
194	3-HEXANOL	623378				5.0			2.0					4.0	2.2			2.0	2.0	2.0
195	%METHYL ISOBUTYL KETONE	108101				5.0				5.0										
196	TRI-N-PROPYLENE GLYCOL, METHYL ETHER	13133294				5.0														
197	CYCLIC TETRAMETHYLENE ADIPATE	777957				3.0					5.0									
198	TETRAETHYLENE GLYCOL DIMETHYLETHER	143248				3.0	5.0	3.0							2.0					3.0
199	N-BUTYL ACETATE	123864				5.0														
200	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55956213				2.0	5.0												1.0	
201	BETA-CARYOPHYLLENE	13877935					5.0													
202	%ADIPIC ACID	124049					2.0						5.0							
203	TEREPHTHALIC ACID	100210					3.0	5.0										2.0		
204	METHYLCAPRYLIC ACID	504994					5.0													1.0
205	BETA-GURJUNENE	17334553					5.0													

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE																
			V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1N	B1M
226	2,6-NAPHTHALIC ACID	1141384					5.0													
227	5-EPIDEOXYPODOCARPIC ACID	57345389					5.0			2.0	4.0									
228	CLOVENE	469921					5.0													
229	SM-CHLOROPHENOL	108430					4.0					5.0								
230	+ISOPHORONE	78591					5.0													
231	XN-NITROSO-3-METHYL PIPERIDINE	13603071					5.0													
232	NONYLPHENOL	25154523					5.0													
233	XMESITYL OXIDE (3-ISOHEXEN-2-ONE)	141797					5.0							4.0						
234	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL	54932784					3.0		5.0											
235	2-ETHYLVALERIC ACID	2005						5.0						2.0					2.0	
236	2-METHYLGLUTARIC ACID	617629						5.0					4.0							
237	5-METHYL HEXANOIC ACID	628466						5.0	2.0					2.0			4.0		2.0	
238	2,6-DIMETHYLBENZOIC ACID	632462						5.0			4.0	5.0								
239	2,3,6-TRIMETHYL BENZOIC ACID	2529364						5.0												
240	XDICAMBA	1918009						5.0												
241	1-NAPHTHOIC ACID	86555						5.0											2.0	
242	3-(3,4-DIMETHOXYPHENYL)-2-PROPENOIC ACID	2316269						5.0							4.0					
243	2-METHYLCAPROIC ACID	4536236						5.0												
244	BETA,BETA-DIMETHYLPHENYLACETIC ACID	826551						5.0												
245	ALPHA-METHYLENE BENZENE PROPANOIC ACID	5078						5.0												
246	(2,5-DIMETHYLBENZENE)BUTANOIC ACID	1453061						4.0						4.0	4.0	1.0	3.0	5.0		
247	PHTHALIDE	87412						4.0			4.0	5.0			2.0				2.0	
248	2,2,4,4-TETRAMETHYL PENTANOIC ACID	3302123							4.0		4.0	3.0	5.0	3.0	3.0				3.0	
249	3-METHOXY-1,2-BENZISOTHIAZOLE	40991386							4.0		5.0									
250	*TRICRESYL PHOSPHATE (ISOMER UNKNOWN)	1330785							2.0						1.0		5.0			
251	DECYLENE	872059								5.0										
252	1-UNDECENE	821954								5.0										
253	ALPHA-DODECYLENE	112414								5.0										
254	XCYCLOHEXENE	118838								5.0										
255	2,3,6-TRIMETHYLNAPHTHALENE	829265								5.0	1.0	1.0			1.0					
256	1,3,6-TRIMETHYLNAPHTHALENE	3031081								5.0	2.0	1.0								
257	P-ISOPROPYLDIPHENYL AMINE	5650102								5.0										
258	9,10-DIHYDROPHENANTHRENE	776352								5.0										
259	2,2,5,7-TETRAMETHYL-4,5-OCTADIENE-3-ONE	19377970								5.0					2.0					
260	XCHLOROFORM	67663									5.0									
261	METHYL N-AMYL KETONE	110430									4.0				2.2		5.0			
262	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1809									5.0	4.0							3.0	4.0
263	XN-UNDECYLIC ACID	112378									3.0		5.0	4.0			3.0			
264	TRANS-9-HEXADECENOIC ACID	373499									4.0	5.0								
265	1,2-BENZISOTHIAZOL-3(2H)-ONE	2634335									5.0								3.0	
266	1,3-DIMETHYL BUTABARBITAL	77281									5.0									
267	1-PHENYL-1,2,3-PROPANETRIOL	16354953									5.0									
268	XBENZYL ALCOHOL	100516									2.0			4.0	5.0		3.2	3.3	4.3	2.2
269	1-HEPTADECANOL	1454859									5.0						1.6			
270	X*2,4-DICHLOROPHENOXYACETIC ACID, (2,4-D)	94757										5.0			1.0		2.0			

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2N L2N L2D C3C C1P C1N C1N C2N R1C R2C E1C O2N B2C B1N B1N
271	%BICHLORACETIC ACID	79436	
272	2-(2-METHOXYPROPOXY)-1-PROPANOL (A DIPR	13588288	5.0 5.0
273	3-METHYL-2-HEPTANOL	31367461	3.0 5.0 3.0
274	2-(2-HYDROXYPROPOXY)-1-PROPANOL (A DIPRO	106627	5.0 3.0
275	~~1,3-CYCLOBUTANEDICARBOXYLIC~~ SEE NO. 50	~~1124136~~	5.0 2.0
276	%METHYL CHLOROFORM	71556	5.0
277	2,2-DIMETHYL-1-BUTANOL	1185337	5.0
278	~~SUCRANE~~	~~291645~~	5.0
279	2-TERT-BUTYLCYCLOHEXANOL	13491797	5.0
280	CHRYSANTHEMIC ACID	10453891	5.0
281	2-ETHYL-3-METHYLFUMARIC ACID	28096808	5.0
282	ETHENYL CYCLOPENTANEACETATE	45955666	5.0 3.0
283	%ARACHIDONIC ACID	506309	3.0 5.0
284	ANTEISOPENTADECANOIC ACID	5502943	3.0 5.0 3.0 3.0
285	TRIPROPYLENE GLYCOL, METHYL ETHER	18213771	5.0 3.0
286	%P-METHOXY-T-BUTYL PHENOL	25013165	5.0
287	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL	6967788	5.0
288	2-HYDROXY DECANOIC ACID	5393817	5.0 3.0 4.0
289	1-((2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)OX	254	5.0
290	TETRAETHYLENE GLYCOL MONOBUTYL ETHER	218	5.0
291	8,11-OCTADECADIENOIC ACID	2197526	5.0 5.0 5.0
292	LIGNOCERIC ACID	557595	5.0 3.0
293	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUC	20880937	5.0
294	MYRISTYL ALCOHOL	112721	5.0
295	3-METHOXY-2-BUTANOL	53778720	5.0
296	CYCLOHEXYL FORMATE	4351546	5.0
297	%META-CRESOL	108394	1.0 5.0
298	1,5-BIS(T-BUTYL)-3,3-DIMETHYL BICYCLO(3.	1977958	2.0 5.0
299	DIOCTYL AZELATE	103242	5.0
300	OCTADECATRIENOIC ACID	4986916	5.0
301	ACENAPHTHYLENE	208968	5.0 5.0
302	PIPERIDINOL	6659990	5.0 2.0
303	%METHYLPHENYL CARBINOL	98851	5.0
304	1-CYCLOPENTYLETHANONE	6004680	5.0
305	7-OCTEN-2-ONE	3664686	5.0
306	%S1,2-DICHLOROETHANE	107062	4.6 4.0 5.0
307	4-HYDROXY-4-METHYLCYCLOHEXANONE	17429026	4.0 4.6 4.6
308	%*P-CRESOL	106445	0.2 4.2 2.0* 4.2* 4.0* 3.0*
309	%CYCLOHEXANOL	108930	4.2 4.0* 2.1* 4.0* 3.0*
310	1,2 5,6-BIS-O-ISOPROPYLIDENE-BETA-D-TALO	23262795	4.2
311	BUTYL CLOFIBRATE	1713140	4.2
312	2-BUTYL THF	1004291	4.2 2.0
313	%CAFFEINE	58082	4.0 4.0 4.1 3.0 3.0
314	%DMF (DIMETHYLFORMAMIDE)	68122	2.0 4.1 2.0 3.2 2.0
315	PHTHALIC ANHYDRIDE	85449	3.0 4.1 1.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	O2N	O2C	B1M	B1N
316	N-ACETYLCYCLOHEXYLAMINE	1124534													4.1					
317	4,4-DIMETHYLDIHYDROFURANONE	13861977																	4.1	1.0
318	2-METHOXY-1-PROPANOL	1589475	0.0											4.0*				2.0*		
319	ISOMYRISTIC ACID	543	0.0												4.0*					
320	9-KETOCAPRIC ACID	1422260	-1.0											3.0*	4.0	2.0*	4.0	3.0*		
321	ISOPALMITIC ACID	545	-1.0												4.0					
322	X**BFLUORANTHENE	206448	-2.0		1.0*					4.0	1.0*				2.0*				1.0*	
323	3,4-EPOXY-2-HEXANONE	17257817	2.0									4.0*				3.0*				
324	X*TOLUENE	108883		3.0	4.0*	1.0*							4.0*			4.0*				
325	DIACETONE ALCOHOL	123422		3.0		2.0*						3.0*		4.0*					2.0*	
326	XCETYL ALCOHOL	36653824		2.0													4.0*			
327	METHYL AMYL CARBINOL	543497		4.0									2.0*					4.0*	3.0*	
328	4-HEPTANONE	123193		4.0		3.0*			3.0*			2.0*								
329	(1,4-CYCLOHEXADIEN-1-YL)BENZENE	13703521		4.0																
330	4-METHYL DIOXANE	1120974			4.0															
331	2-ACETYL-4-METHYL-4-PENTENOIC ACID	1005			3.0								4.0							
332	X*BUTYL(BUTOXY CARBONYL) METHYL PHTHALATE	65701			4.0	4.0														
333	O-ETHYL TOLUENE	611143			4.0				2.0	3.0	2.0	2.0								
334	X*STYRENE	100425			4.0	2.0	1.0	0.0	1.0	2.0	1.0	2.0			1.0		1.0			
335	(1,1-DIMETHYLBUTYL) BENZENE	1985575			4.0															
336	6-METHYL TETRALIN	1680519			4.0					1.0										
337	PSEUDOCUMENE	95636			3.0			0.0	3.0	4.0	2.0	2.0	1.0		1.0					
338	2-ETHYL-1,3-DIMETHYL BENZENE	2870044			4.0															
339	1-METHYL INDAN	767588			4.0															
340	X2-METHYLNAPHTHALENE	91576			2.0			0.0	2.0	4.0	2.0	1.0		1.0	1.0				4.0	
341	1-ETHYL-3,5-DIMETHYL BENZENE	934747			4.0				1.0	3.0										
342	2-BUTYLNAPHTHALENE	1134629			1.0		1.0			4.0	1.0									
343	P-DIISOPROPYL BENZENE	100165			4.0															
344	C5 BENZENE	128			4.0															
345	2-METHYL TETRALIN	3877198			4.0															
346	XBIPHENYL	92524			2.2	1.0	1.0	0.0		3.1	4.0	2.0	2.0	1.0	3.1		2.0		1.0	
347	DIMETHYL NAPHTHALENE	308			3.0		1.0		1.0	4.0	2.0									
348	XO-CRESOL	95487			2.0			2.0		2.0									4.0	
349	1-METHYLPYRENE	2381217			4.0															
350	TERPHENYL	26140603			4.0															
351	2,3,5-TRIMETHYL PHENANTHRENE	3674735			4.0															
352	1-METHYL ANTHRACENE	618488			2.0					4.0										
353	2-OCTYLPHENOL	949133			4.0				2.0	4.0										
354	EXO-BORNEOL	124765			2.0															
355	XENDO-BORNEOL	507700			4.0														4.0	
356	XCAMPHOR	76222			4.0										3.0					
357	FENCHYL ALCOHOL	1632731			4.0															
358	DI-T-BUTYL ETHER	6163662			4.0															
359	CIS-1,2-CIS-2,3-PLINOL	11039728			4.0															
360	2-(2-ISOPROPYLPHENYL)-1-PROPANOL	58443826			4.0															

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT (PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
361	CIS-2-METHYLCYCLOPENTANOL	25144052			2.0	4.0						2.0					1.0		1.0	
362	TRIOCTYL PHOSPHATE	1806548			4.0					4.0										
363	METHYL HENEICOSANOATE	6064980			4.0										3.0					
364	METHYLDEHYDROABIETATE	1235741			4.0															
365	BENZOFURANONE	7169348			2.0		1.0				4.0									
366	METHYL OCTENOATE	700			4.0															
367	3-OCTENOIC ACID	1577191				4.0														
368	$DIMETHYL TEREPHTHALATE	120616				4.0		2.0				4.0	2.0	3.0						2.0
369	2-CYCLOHEXENONE	930687				2.0														
370	2,5-HEXANEDIONE	110134				3.0		2.0			3.0	4.0	2.0	2.0		4.0	0.0		1.0	0.0
371	DIETHYLENE GLYCOL, MONOMETHYL ETHER (C	111908				3.0		1.0	1.0		4.0				1.0					3.0
372	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	471012				2.0	4.0	3.0												
373	DICYCLOHEXYLADIPATE	849990				1.0														4.0
374	P-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL	140669				1.0	4.0	1.0		3.0	4.0	4.0								
375	CHLOROBENZOIC ACID ISOMER	708					4.0													
376	ALPHA-CARYOPHYLLENE	6753986					4.0													
377	ISO-HEXANOIC ACID	646071					3.0					4.0		2.0						
378	4,5-DIMETHYL-1-HEXENE	16106595					4.0													
379	2,3-DIMETHYLBUTYRIC ACID	14267617					3.0	4.0											2.0	1.0
380	X+ANTHRACENE	120127					1.0	0.0	1.0	4.0										
381	~~DOCOSANE~~	~~629970~~					4.0													
382	1-SEC-BUTOXY-2-METHOXYPROPANE	1001					4.0													
383	3-METHYL-2-CYCLOHEXEN-1-ONE	1193186					3.0	3.0											4.0	2.0
384	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17429297					4.0													
385	VINYL CYCLOHEXYLFORMATE	4840760					3.0	4.0					2.0							3.0
386	P-(1-ETHYL-1-METHYLHEXYL)PHENOL (A NONY	52427131					4.0													
387	DIMETHYLSULFONE	67710					3.0	3.6			4.0	2.0	2.0	3.0	2.0		1.0		2.0	2.0
388	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	55956224					1.0													4.0
389	XBUTYRIC ACID	107926						4.0												
390	4,4-DIMETHYL-2-PENTENOIC ACID	6945353						4.0				3.0								
391	4-OCTENOIC ACID	18294898						4.0							3.0					
392	N-BENZOYLGLYCINE (HIPPURIC ACID)	495692						4.0												
393	4,6,6-TRIMETHYLTETRAHYDRO-2-PYRANONE	20628368						4.0					3.0							
394	5-BUTYLDIHYDRO-2-FURANONE	34003775						4.0												
395	TRIETHYLENE GLYCOL, DIMETHYL ETHER	112492						4.0				3.0							2.0	
396	$TERT-BUTYL METHYL PHTHALATE	1007								4.0										
397	DIMETHYLNAPHTHALENE	301								2.0	4.0									
398	1,5,8-TRIMETHYL TETRALIN	21693516								1.0	4.0									
399	X2-HYDROXYBIPHENYL	90437								4.0										
400	3-OCTANONE	106683								4.0										
401	1-OCTENE	111660									4.0									
402	1-NONYLENE	124118									4.0									
403	SEBACIC ACID	111206									4.0						3.0			
404	1-TRIDECENE	2437561									4.0						0.0			
405	1-TETRADECENE	1120361									4.0									

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2M R1C R2C E1C O2N B2C B1N B1M
406	1-PENTADECENE	13360617	4.0
407	CETENE	629732	4.0
408	2-METHYL-2-PROPYLHEXANOIC ACID	31080372	4.0 2.0
409	2,6-DIISOPROPYLPHENOL	2078548	3.0 4.0
410	X3,4-DICHLOROANILINE	95761	4.0
411	1,3,8-TRIMETHYLNAPHTHALENE	17057919	4.0
412	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (T	26137531	4.0
413	1,4,6-TRIMETHYL NAPHTHALENE	2131422	4.0 2.0 1.0
414	BUTYLATED HYDROXY ANISOLE (BHA)	15359996	4.0 3.0
415	1,4,6-TRIMETHYL TETRALIN	22824324	4.0
416	N-PROPYLSUCCINAMIDE	3470971	4.0
417	METHYL PALMITOLEATE	1120258	4.0
418	XISOBUTYRIC ACID	79312	4.0
419	2-METHOXY-3-METHYL-2-PENTENOIC ACID	1008	4.0 4.0
420	CIS-2,5-DIMETHYLTETRAHYDROFURAN	2144414	4.0 3.0 4.0 3.0
421	N-METHYLETHOSUXIMIDE	13861999	4.0
422	X**82,4-DICHLOROPHENOL	120832	4.0
423	4-TERT-BUTYL-O-PHENYLENE CYCLIC CARBONAT	54815213	4.0 1.0 1.0
424	BUTABARBITAL	125486	4.0
425	ANISOLE-2-ACETIC ACID	93254	4.0
426	BETA,3,4-TRIMETHYLBENZENEPROPANOIC ACID	1011	4.0
427	2-(PHENYLMETHYL)BENZOIC ACID	612351	4.0
428	2,2-DIMETHYLGLUTARIC ACID	601572	4.0
429	XP-TERT-BUTYL PHENOL	98544	4.0 4.0
430	1,3-DIMETHOXY-2-PROPANOL	623698	4.0
431	1,3-PROPYLENE GLYCOL, BUTYL METHYL DIETH	1012	4.0
432	XCHLOROBENZENE	108907	4.0
433	3-METHOXY-2-METHYL-2-PENTENOIC ACID	1014	4.0 0.0
434	ALPHA,ALPHA-DICHLOROPHENYLACETIC ACID	61031729	4.0
435	1-(2-BUTOXY-1-METHYLETHOXY)-2-PROPANOL (	29911282	4.0 2.0
436	6-METHYL-TETRAHYDRO-2-PYRANONE	823223	4.0
437	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	3623050	4.0
438	6-METHYL-3(2H)-BENZOFURANONE	20895414	4.0
439	~~3,3-DIETHYLPENTANE~~	~~1067205~~	4.0 3.0
440	1-METHOXY-2-HEXENE	56852636	4.0
441	DI-N-HEXYL ETHER	112583	4.0
442	ACETOACETIC ACID	541504	4.0
443	1-METHOXY-2-BUTANOL	53778737	4.0
444	2,3-DIMETHYL-3-PENTANOL	595415	4.0
445	2,6-DIMETHYLPHENOXY CARBONIC ACID	1013	4.0
446	2-METHYLCYCLOPENTANOL (GEOMETRY UNKNOWN)	24070777	4.0
447	X6-HYDROXYCAPROIC ACID LACTONE	502443	4.0 3.0
448	2-(HYDROXYMETHYL)BENZOIC ACID	612204	4.0
449	TRIDECYLIC ACID	638539	4.0 2.0
450	UNDECANEDIOIC ACID	1852046	3.0 4.0 2.0
			4.0 4.0 4.0 3.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2N L2N L2O C3C C1P C1M C1N G2N R1C R2C E1C D2N B2C B1M B1N
451	4-BUTOXYBUTYRIC ACID	55724737	3.8 4.8
452	3-HEPTANOL	589822	3.8 4.8 2.8
453	2,3-DIMETHYLTETRAHYDRO-2-FURANOL	61142776	3.8 4.8
454	6-BROMO-2-HEXANONE	10226296	3.8 3.8 4.8
455	XTRIMETHYL NITROSO UREA	3475636	4.8
456	3,4-DIHYDROXY-6-METHOXY-1-NAPHTHALENONE	1876:99	4.8
457	BUTYLBENZYLPHTHALATE	38411120	4.8
458	XBENZYL CYANIDE	140294	4.8 3.8 1.8
459	PIPERIDINONE	27154434	4.8 2.8
460	1-ETHOXY OECALIN	51953107	4.8
461	4-OXO-NONANOIC ACID	6064524	4.8 3.8
462	VACCENIC ACID	693721	4.8
463	NONADECANOIC ACID	646308	4.8
464	BEHENIC ACID	25378261	4.8 2.8
465	1,3,6-TRIOXOCANE	1779197	4.8
466	2-ETHYL-1,3-HEXANEDIOL	94962	4.8
467	2-ETHYL-5-METHYLDIOXANE	53907918	4.8
468	X PYRIDINE	110861	4.8
469	ETHYL PALMITATE	628977	4.8
470	4-HEXEN-2-ONE	25659227	4.8
471	5-METHYL-2-HEXANOL	627598	4.8
472	3-HYDROXY-1,2-BENZISOTHIAZOLE	3434	4.8
473	2,6-DICHLOROBENZOIC ACID	50793	4.8
474	O-PROPIONYL BENZOIC ACID	4219550	4.8
475	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID	129	4.8
476	3-HYDROXYTETRADECANOIC ACID	1961724	4.8
477	XANTHRANILIC ACID	118923	4.8
478	2-AMINO-5-CHLOROBENZOIC ACID	89543	4.8
479	4-HYDROXY-4-METHYL-2-PENTANONE	123442	4.8
480	2,2,3-TRIMETHYL-3-CYCLOPENTENE-1-ACETALD	4501580	4.8 2.8
481	2,3-BUTANEDIOL	513839	4.8
482	O-ANISIC ACID	579759	4.8
483	3-METHOXYBENZOIC ACID	586389	4.8
484	TERPIN	80535	4.8
485	DICYCLOHEXYL SEBACATE	366	3.2 4.8
486	XCINNAMALDEHYDE	104552	4.8
487	XN-METHYL-2-PYROLIDONE	872504	3.6
488	~~NTERPIN~~ SEE NO. 484	~~2451016~~	1.8 2.8 3.2
489	BUTYLBENZOATE	136607	3.8 3.1 3.8 2.8
490	DIDEHYDROGENATED ABIETIC ACID	625	0.0 1.8* 3.8* 3.8*
491	3-METHYLPENTAN-3-OL	77747	0.0 3.8* 2.8*
492	P-(1-HYDROXY-1-METHYLETHYL)ACETOPHENONE	54549723	0.0 3.8*
493	METHYL MYRISTATE	124187	1.8 3.8* 3.8* 2.8*
494	1,2-BENZISOTHIAZOLE	272162	1.3 3.8*
495	N-PROPYL-1-HEXANAMINE	28193231	-1.8 3.8*

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	G2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
496	~~PHOSPHORIC ACID~~	496	~~3.0~~																	
497	3-PENTEN-2-OL	1569582	3.0																	
498	2-METHYLCYCLOPENTANONE	1120725	3.0		2.0*							2.0*					1.0*			2.0*
499	(1-METHYLBUTYL)OXIRANE	53229393	3.0																2.0*	1.0*
500	OCTADECANOL	26762447	2.0																	
501	8-NONENE-2-ONE	5009325	2.0													3.0*		2.0*		
502	XCHLOROBROMOMETHANE	74975		3.0	3.0												3.0*			3.0*
503	2,4,6-TRIMETHYLUNDECANOIC ACID	28484222		3.0																
504	10-UNDECENOIC ACID	112369		3.0																
505	3-METHYLCYCLOHEXENE	591480		3.0													1.0			
506	X3-CHLORO-2-METHYL PROPENE	563473		3.0																
507	1,2-DICHLOROPENTANE	1674335		3.0																
508	1-CHLOROHEPTANE	629061		3.0																
509	ACETALDEHYDE DIETHYL ACETAL	105577		3.0																
510	3-PHENYL-3-METHYLHEXANE	2132867		3.0														3.0		
511	XSM-XYLENE	108383		3.0				0.0				3.0	3.0				1.0			
512	4-PHENYLCYCLOHEXENE	4994165		3.0																
513	1,2,3-TRIMETHYL BENZENE	526738		3.0				0.0	2.0	3.0	2.0	1.0			0.0					
514	XMESITYLENE	108678		3.0				0.0	2.0	3.0		2.0								0.0
515	1-METHYL-2-PROPYL BENZENE	1074175		3.0																
516	4-METHYL INDAN	824226		3.0																
517	X1-METHYLNAPHTHALENE	90120		3.0				0.0	1.0	3.0	2.0	1.0		1.0	1.0				0.0	
518	X2-ETHYL NAPHTHALENE	939275		2.0		1.0			1.0	3.0										
519	X1,4-DIMETHYLNAPHTHALENE	571584		3.0						3.0										
520	1,6,7-TRIMETHYLNAPHTHALENE	2245387		2.0						3.0	1.0	1.0								
521	1-ETHYL-2,4-DIMETHYL BENZENE	874419		3.0						3.0										
522	1-ETHYL-2,3-DIMETHYL BENZENE	933982		3.0						2.0										
523	XSCUMENE	98828		3.0					1.0	1.0										
524	1-METHYL-4-PROPYLBENZENE	1874551		3.0								1.0								
525	N-BUTYLBENZENE	104518		3.0						2.0			1.0							
526	2-PHENYLPENTANE	2719520		3.0																
527	C5 BENZENE	121		3.0																
528	X+SO-DICHLORO BENZENE	95501		2.0					1.0	3.0							0.0			
529	DIMETHYL INDAN	615		3.0																
530	DIMETHYL ISOPROPYL BENZENE	103		3.0																
531	ETHYL TRIMETHYL BENZENE	114		3.0																
532	4,7-DIMETHYL INDAN	6682719		3.0						1.0										
533	DIMETHYL INDAN	616		3.0																
534	2,7-DIMETHYL TETRALIN	13665871		3.0																
535	1-PHENYL NONANE	1081772		3.0																
536	X2,6-DIMETHYLNAPHTHALENE	581420		3.0					2.0		2.0									
537	1,6-DIMETHYLNAPHTHALENE	575439		3.0			0.0			1.0			1.0	2.0						
538	1-PHENYL UNDECANE	6742547		3.0																
539	DIISOPROPYL PHENOL	520		3.0										3.0						
540	TRIMETHYLNAPHTHALENE	311		3.0		2.0		1.0			1.0			1.0						

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
541	TRIMETHYLNAPHTHALENE	312			3.0		2.0		1.0											
542	TRIMETHYLNAPHTHALENE	313			3.0		2.0		1.0								0.0			
543	DIMETHYL BIPHENYL	600			3.0															
544	(1,1-DIMETHYLPROPYL)BENZENE	2049958			3.0					2.0										
545	1-ETHYL-3-METHYL BENZENE	620144			1.0				2.0	3.0	1.0									
546	2-ISOPROPYLNAPHTHALENE	2027170			3.0					3.0										
547	XRETENE	483658			3.0		3.0													
548	2-(PHENYLMETHYL) NAPHTHALENE	613592			3.0															
549	DURENE	95932			1.0				1.0	3.0	1.0	1.0								
550	DIMETHYL ETHYL BENZENE	200			2.0					3.0										
551	DIMETHYL ETHYL BENZENE	201			1.0					3.0										
552	XCINEOLE	470826			3.0															
553	XMETHYL BENZOATE	93583			2.0		3.0												3.0	
554	B-PICOLINE	108996			3.0															
555	N,N-DIETHYL FORMAMIDE	617845			1.0									3.0						
556	FENCHONE	1195795			3.0	3.0														
557	2-ETHOXYETHYL-2-BUTOXYETHYL ETHER	3895178			3.0															
558	XTRICHLOROPROPANE	96184			3.0															
559	XACETOPHENONE	98862			2.0	2.0		3.0		1.0	2.0	3.0	2.0				0.0			
560	DIHYDRO FARNESOL	1333484			3.0															
561	XNICOTINE	54115			3.0		2.0				3.0				2.0					
562	~~3,4-DIMETHYL HEXANE~~	~~589435~~				~~3.0~~														
563	2-METHYL VALERIC ACID	97610			2.0			3.0					3.0							
564	ISOPROPYL BENZOATE	939480			3.0															
565	3-METHYL-4-PHENYLBUTYRIC ACID	7315686			3.0															
566	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE	483783			2.0	3.0	0.0	1.0			2.0				2.0		1.0			
567	XTRIETHYL PHOSPHATE	78400			2.0															
568	XCYCLOHEXANONE	108941			1.0														3.0	
569	VINYL ACETATE	108054			3.0												1.0		3.0	2.0
570	MENTHONE	10458147			3.0															
571	COTININE	486566			1.0															
572	ANISIC ACID	100094					3.0								3.0					
573	XGLUTARIC ACID	110941					3.0									1.0	2.0	2.0		
574	AMINOPHTHALAZINE	19064698					3.0													
575	3-METHYLGLUTARIC ACID	626517					3.0													
576	XDALAPON	75990					3.0													
577	~~EICOSANE~~	~~112950~~					~~3.0~~													3.0
578	~~2-HEXYLTRIDECANE~~	~~7225663~~					~~3.0~~													
579	1,1,3-TRIMETHYL-3-PHENYL INDAN	3910358					3.0													
580	TRICOSANE	638675					3.0					1.0								
581	~~TETRACOSANE~~	~~646311~~					~~3.0~~													
582	~~PENTACOSANE~~	~~629992~~					~~3.0~~													
583	TETRAHYDROLINALOOL	78693					3.0		1.0											
584	METHYL HEPTADECANOATE (METHYL MARGARAT	1731926					3.0													
585	5,5-DIMETHYL-2-FURANONE	20019641					2.0	3.0											3.0	2.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
586	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	1123097					3.0	3.0												
587	1-INDANONE	83330					3.0					3.0								
588	ISONONYL PHENOL (ISOMER UNKNOWN)	11066492					3.0													
589	P-(1-METHYLOCTYL)PHENOL (A NONYL PHENOL	17404669					3.0													
590	TRIETHYLENE GLYCOL METHYL ETHER	112356					3.0													
591	X+*2,4-DIMETHYLPHENOL (XYLENOL)	105679						1.0											3.0	1.0
592	2-HEXENOIC ACID	1191044						3.0												
593	DIETHYL KETONE	96220						3.0												
594	METHYL ISOPENTYL KETONE	110123						3.0												
595	1-(1-CYCLOHEXEN-1-YL)-2-PROPANONE	768503						3.0												
596	2-BUTYL-3-METHYLOXIRANE	14925963						3.0				3.0								
597	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	24156954						3.0												
598	5-ETHYLDIHYDRO-2(3H)-FURANONE	695067						3.0			3.0						1.0		2.0	2.0
599	6-METHYL-3-ISOPROPYL-2-CYCLOHEXEN-1-ONE	499741						3.0												
600	5-PHENYL-2-PENTANONE	2235638						3.0												
601	OCTYL PHENOL	500						3.0												
602	5-(PENTYLOXY)-2-PENTENE	56052658						3.0												
603	.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE A	515300						3.0												
604	1-PHENYL-2-BUTANONE	1007325						3.0												
605	2-BUTYLOCTANOL	3913028						3.0												
606	5-METHYL-1(3H)-ISOBENZOFURANONE	54120648						3.0												
607	ISOVALERAMIDE	541468						1.0						3.0						
608	HEXAHYDRO-2H-AZEPINE-2-ONE	105602						1.0												3.0
609	P-CHORO-2-NITROANILINE	89634						3.0												
610	ETHYLPHENOXYBENZENE	834140						3.0												
611	%MALONIC ACID	141822							3.0											
612	4-METHYLPHENYLPENTANOIC ACID	59094712							3.0											
613	$ISOBUTYL METHYL PHTHALATE	1004							3.0											
614	$SEC-BUTYL METHYL PHTHALATE	1006							3.0											
615	2-ETHYL-1,4-DIMETHYL BENZENE	1758889							1.0	3.0										
616	X+$M-DICHLOROBENZENE	541731							1.0			3.0								
617	METHYL METHOXYMETHYL FORMAL	628900							3.0											
618	%2,6-LUTIDINE	108485							2.0		3.0			2.0	1.0					
619	%M-CHLOROANILINE	108429							3.0	3.0										
620	%$2,3,4,6-TETRACHLOROPHENOL	58902								3.0										
621	%$2,4,5-TRICHLOROPHENOL	95954								3.0										
622	META-TERT-BUTYLPHENOL	585342								3.0										
623	ETHYLENE GLYCOL, MONOMETHYL ETHER	109864								3.0							2.0	3.0		
624	~~BICYCLO[2.2.2]-OCTANE~~	~~280331~~								~~3.0~~										
625	1,5-DIMETHOXYPENTANE	111897								3.0										
626	~~BICYCLO-DECANE~~	~~286760~~								~~3.0~~										
627	1-HEPTADECENE	6765395								3.0										
628	1-OCTADECENE	112889								3.0							2.0			
629	1,3-BUTYLENE GLYCOL	107880								3.0										
630	PENTAMETHYLENE GLYCOL, MONOMETHYL ETHER	4799626								3.0										

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1M	B1N
631	METHYL-N-PROPYLBENZENE	205								3.0										
632	METHYL-N-PROPYLBENZENE	206								3.0										
633	2,7-DIMETHYLNAPHTHALENE	582161								3.0										
634	1,2,8-TRIMETHYLNAPHTHALENE (3,4,5-TR	3876979								3.0		1.0								
635	DIMETHYLNAPHTHALENE	382								3.0										
636	1,3-DIMETHYNAPHTHALENE	575417								3.0		2.0			1.0					
637	OCTENAL (ISOMER UNKNOWN)	25447692								3.0										
638	O-CYCLOHEXYLPHENOL	119426								3.0										
639	%BORNYL ACETATE	76493								3.0										
640	%2,6-DIMETHYLQUINOLINE	877438								3.0					2.0					
641	SEC-BUTYLISOPROPYL ETHER	18641811									3.0									
642	2,6-DIMETHYLHEPTANOIC ACID	68148949									3.0		3.0	2.0		1.0				
643	2-METHOXY-3-METHYLCROTONIC ACID	58973185									3.0	2.0								2.0
644	3,6-DIMETHYLOCTANOIC ACID (AN ISODECANOI	4812297									3.0							2.0		
645	LEVULINIC ACID	123762									3.0	3.0								2.0
646	%2,2,2-TRICHLOROETHANOL	115208									3.0								2.0	
647	9-DODECENOIC ACID	2382403									3.0									
648	2,3,3-TRIMETHYL-3H-INDOLE	1640397									3.0									
649	%O-CHLOROPHENOL	95578									3.0									
650	%TETRAMETHYLUREA, TMU	632224									3.0	2.0								
651	2,2,5,5-TETRAMETHYL THF	15045439										3.0								
652	4-KETOISOHEPTANOIC ACID	41654040										3.0								2.0
653	ALPHA-METHYL-ALPHA-ACETYLOXYBENZENEACETI	10487920										3.0								
654	2,5,8-TRIMETHYL-1-NAPHTHOL	33583027										3.0								
655	2,5-DIMETHYL STYRENE	2039696										3.0								
656	1-(3-BUTOXYPROPOXY)-2-PROPANOL (A DIPROP	35075242										3.0								
657	ALPHA-PICOLINE	109068										3.0								
658	%2-ACETYLFURAN	1192627										3.0	3.0							
659	3-METHYL PHTHALIDE	3453643										3.0								
660	7-METHYL-3(2H)-BENZOFURANONE	669045										3.0	3.0							
661	BUTYL M-TOLYL SULFIDE	54576419										3.0								
662	TETRAHYDROPYRAN-2-METHANOL	100721										3.0								
663	~~3-ETHYL-4-METHYLHEXANE~~	~~3074779~~										3.0								
664	~~2,7-DIMETHYLOCTANE~~	~~1072168~~										3.0								
665	2,2-DICHLORO-3-METHYLBUTANE	17773669										3.0								
666	1,6-HEXANEDIOL	629118										3.0								
667	2-NORBORNENE-7-OL	53783872										3.0								
668	2-HEXENAL	505577										3.0								
669	2,6-DIMETHYL-2-HEPTEN-4-ONE	16525056										3.0								
670	2,2-DIMETHYL-3-PENTANOL	3970625											3.0							3.0
671	4-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID	4342603											3.0							
672	2-ETHYL-2-METHYLBUTYRIC ACID	19889373											3.0							
673	4-METHYL-2-PHENYLQUINOLINE	4789768											3.0							
674	1-(PHENYLMETHYL)ISOQUINOLINE	6907591											3.0							
675	1,2,4-TRIMETHYL-1,3-DIAZOCYCLOHEX-1-ENE	53517923											3.0							

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2M R1C R2C E1C D2M B2C B1M B1N
676	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE	19615271	3.0
677	DIETHYLENEGLYCOL, CYCLOHEXYL ETHER	25961846	3.0
678	$01-N-PROPYL PHTHALATE	131168	3.0
679	7-NONENOIC ACID	1022	3.0 2.0
680	ISOINDOLE-1,3-DIONE	85416	3.0
681	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	2807	3.0
682	TRICOSANOIC ACID	2009	2.0 3.0
683	NONACHLOR	21641703	3.0 2.0
684	1-METHYLBUTYLALCOHOL	6032297	3.0
685	XN-OCTANOL	111875	3.0 2.0
686	X2-PHENYLISOPROPANOL	617947	3.0 3.0
687	X1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	123331	3.0
688	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4	17092921	3.0
689	3-ETHOXY-1(3H)-ISOBENZOFURANONE	16824025	3.0
690	2-ISOPROPYLTHIOPHENE	1689787	3.0
691	3-(2-HYDROXYPROPYL)-5-METHYL-2-OXAZALIDI	3375846	3.0 3.0
692	3-METHYLOCTAHYDROPENTALENE-1-CARBOXYLIC	28645036	3.0
693	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE	33993349	3.0
694	2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCL	32511061	3.0
695	4-ISOPROPOXYBUTYRIC ACID	146	3.0
696	ISOSTEARIC ACID	5638120	3.0
697	ISOEICOSANOIC ACID	3121	3.0
698	VERATRALDEHYDE	120149	3.0
699	HENEICOSANIC ACID	2363715	3.0
700	PENTACOSANOIC ACID	506387	3.0
701	HEXACOSANOIC ACID	506467	3.0
702	1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A	5103742	3.0
703	NEOPENTYL ALCOHOL	75843	3.0
704	4-METHOXY-5-METHYL-4-CYCLOPENTEN-1,3-DIO	7140623	3.0
705	N-(2-METHYLPHENYL)FORMAMIDE	94699	3.0
706	3-METHYLPENTANAL	15877573	3.0
707	XLAURYL ALCOHOL	112538	2.0 3.0
708	PENTYL BENZOATE	2049969	3.0
709	TETRAPROPYLENE GLYCOL	1377	3.0
710	TETRAPROPYLENE GLYCOL	1378	3.0
711	TETRAPROPYLENE GLYCOL	1379	3.0
712	XCHLOROACETONE	78955	3.0
713	1,4-BENZOTHIAZIN-3-ONE	5325202	3.0 2.0
714	5-METHYL-1-HEXANOL	627985	3.0
715	HEXAHYDROBENZOIC ACID	98895	2.0 3.0
716	DODECANEDIOIC ACID	693232	3.0 2.0 3.0
717	XETHYLENE GLYCOL MONOETHYL ETHER) (OXITOL	110805	3.0
718	3-HYDROXYNONANOIC ACID	33796871	3.0
719	P-BROMOBENZOIC ACID	586765	3.0
720	2,4-DIBROMOBENZOIC ACID	611087	3.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2N L2N L2D C3C C1P C1N C1N C2N R1C R2C E1C D2N B2C B1M B1N
721	2,4,6-TRIBROMOPHENOL,	2001	3.0
722	4-PHENYL-4-OXO-BUTYRIC ACID	3333	3.0
723	4(2,5-XYLYL)BUTYRIC ACID	127	3.0
724	2,5-DI(CHLOROMETHYL)-3-ETHYL BENZOIC ACI	128	3.0
725	N-ETHYL-4-METHYL-2-PENTANEAMINE	42966643	3.0
726	O-CRESYL ACETATE	533186	3.0
727	5-HEXEN-2-OL	54774275	3.0
728	DIHYDRO-5-METHYL-2(3H)-FURANONE	108292	3.0
729	2,2-DIETHYLPROPYLENE GLYCOL	115764	3.0
730	4-ETHYLPHENOL	123079	3.0
731	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER	1603798	3.0
732	3-DICHLOROMETHYL-4,6-DI-T-BUTYL-O-BENZOQ	Z64	3.0
733	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	28547993	3.0
734	CYCLOPENTANE CARBOXYLIC ACID, VINYL ESTE	16523061	3.0
735	2,2-DICHLOROBUTYRIC ACID	13023002	3.0
736	2,3,3-TRICHLORO-2-PROPENOIC ACID	2257354	3.0
737	2-METHOXY-2-HEXENOIC ACID	144	3.0
738	2-HEPTENOL	33467764	3.0
739	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	28324327	3.0
740	ABIETIC ACID	624	0.0 1.0 2.6
741	2,4,6-TRICHLOROANILINE	634935	-1.0 2.0*
742	METHYL PENTADECANOATE	7132641	1.0 2.0* 1.0* 1.0* 2.0* 0.0*
743	AMYLENE DICHLORIDE	587459	2.0
744	X-ACENAPHTHALENE	83329	2.0 0.0* 0.0*
745	DIETHYL CARBINOL	584021	2.0 1.0* 1.0* 0.0* 0.0* 0.0 *
746	2-METHYLFURAN	534225	2.0
747	1-(2-PROPENYLOXY)HEPTANE	16519247	2.0
748	3-METHYL-4-(2,5-XYLYL) BUTANOIC ACID	38275764	2.0
749	XCARVACROL	499752	2.0
750	XSO-XYLENE	95476	2.0
751	TETRALIN	119642	2.0 1.0
752	1-METHYL-7-ISOPROPYL NAPHTHALENE	498653	2.0 1.0 2.0
753	X-9H-FLUORENE	86737	1.0 1.0 1.0 2.0 2.0 2.0
754	1,2,3,4-TETRAMETHYL BENZENE	488233	2.0
755	2-METHYL BIPHENYL	643583	2.0
756	METHYLISOBUTYL BENZENE	100	2.0
757	C5 BENZENE	118	2.0 0.0
758	C6-BENZENE	258	2.0
759	C5 BENZENE	119	2.0
760	ETHYL TRIMETHYL BENZENE	113	2.0
761	DIETHYL TOLUENE	108	2.0
762	DIMETHYL ISOPROPYL BENZENE	104	2.0
763	DIMETHYL ISOPROPYL BENZENE	105	2.0
764	DIMETHYL INDAN	617	2.0
765	5-METHYL TETRALIN	2809645	2.0 2.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE														
			V1C	X1C	L2P	L2N	L2N	L2D	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1N	B1N
766	2-PHENYL UNDECANE	4536883			2.0															
767	C3 NAPHTHALENE	315			2.0		1.0		1.0								0.0			
768	TRIMETHYLNAPHTHALENE	316			2.0		2.0		1.0											
769	P-ETHYL TOLUENE	622966			2.0						2.0									
770	2,6-DIMETHYLSTYRENE	2039989			2.0															
771	INDAN	496117			2.0															
772	1,3-DIETHYL BENZENE	141935			2.0				0.0											
773	2-PHENYLHEXANE	6031823			2.0										0.0					
774	1,2,3,4-TETRAHYDRO-4,9-DIMETHYL ACRIDINE	55030654			2.0															
775	Σ*4CHRYSENE	218019			2.0															
776	(2,2-DIMETHYLBUTYL) BENZENE	28880866			2.0															
777	1,4-DIETHYL-2,3,5,6-TETRAMETHYL BENZENE	33962139			2.0															
778	1-BUTYLNAPHTHALENE	1634099			2.0		2.0													
779	1,5,7-TRIMETHYL INDAN	54340884			2.0															
780	1,1,4,7,7,8-HEXAMETHYL-5-HYDRINDACENE	17465586			2.0															
781	BENZOFLUORANTHENE	203123			2.0															
782	DIPHENYLMETHANE	101615			2.0															
783	SEC-BUTYL BENZENE	135988			1.0						2.0									
784	Σ2,3-DIMETHYLNAPHTHALENE	581488			2.0							1.0								
785	TRIMETHYLNAPHTHALENE	317			2.0					1.0					1.0					
786	C3 NAPHTHALENE	318			2.0															
787	2-METHYL FLUORENE	1430973			2.0															
788	Σ2-METHYL ANTHRACENE	613127			2.0															
789	1-TERT-BUTYLNAPHTHALENE	17065915			1.0		2.0													
790	ΣMENTHOL	89781			2.0															
791	ΣN-BUTYLETHER	142961			2.0															
792	3,3,5-TRIMETHYCYCLOHEXANONE	873949			2.0															
793	ΣTHUJYL ALCOHOL	513235			2.0															
794	TERPENYL ACETATE	4821849			2.0															
795	DIACETYLBENEZENE	1089616			2.0															
796	HEX-3-ENE-2,5-DIOL	7319235			2.0															
797	4,4*-DIMETHOXYSTILBENE	4789344			2.0															
798	O-TERT-BUTYLPHENOL	88186			2.0															
799	METHYL ANTEISOHEPTADECANOATE	2498495			2.0															
800	2-METHYL-1-PENTEN-3-OL	2388075			2.0															
801	METHOXYNAPHTHALENE	2216695				1.0						2.0								
802	*2-METHYL STYRENE	611154				2.0														
803	TETRAPROPYLENE GLYCOL METHYL ETHER	28324349				1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0		1.0					
804	M-METHOXYPHENYL ACETATE	1824				2.0														
805	3,3,4-TRIMETHYLDECANE	49622186				2.0														
806	M-TRIETHYLENE GLYCOL, MONOETHYL ETHER	112585				2.0		2.0												
807	N-METHYL SACCHARIN	15446994					2.0													1.0
808	2-KETO-3-METHYL VALERIC ACID	1460348					2.0													
809	TRANS-3-HEPTENOIC ACID	29901857					2.0													
810	PENTACHLOROPYRIDINE	2176627					1.0					2.0	2.0							

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2N L2W L2D C3C C1P C1N C1N C2N R1C R2C E1C D2N B2C B1N B1N
811	PENTADECANE	629629	2.0
812	HEPTADECANE	629787	2.0
813	NONADECANE	629925	2.0
814	1-ISOBUTYLNAPHTHALENE	16727916	2.0
815	1,1,2-TRIMETHYL-3-PHENYL INDAN	33908028	2.0
816	OCTADECANE	593450	2.0
817	1,2,3-TRIMETHYL-1-PHENYL INDAN (STEREOIS	33683393	2.0
818	1,2,3-TRIMETHYL-1-PHENYL INDAN (STEREOIS	33611164	2.0
819	HEXADECANE	544763	2.0
820	HEPTADECANE	593497	2.0
821	X**$HEXACHLOROBENZENE	118741	1.0 2.0 1.0 1.0 1.0
822	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	2.0
823	1-UNDECENE	821954	2.0
824	5-UNDECENE	764936	2.0
825	XM-ACETOTOLUIDE	537928	2.0
826	NONYL PHENOL ISOMER	518	2.0
827	XGLYCIDYL PHENYL ETHER	122601	2.0
828	4,7-DIMETHYLBENZOFURAN	28715266	0.0 2.0
829	(1,2-DICHLOROETHYL)BENZENE	1874119	1.0 2.0 1.0
830	2-CYCLOHEXENOL	822673	2.0 2.0 2.0 1.0 2.0
831	XCLOFIBRATE	637070	2.0
832	XETHYLENE GLYCOL	107211	2.0
833	1,3,5-TRICHLORO-2-METHOXYBENZENE	87401	2.0 2.0
834	X**$P-DICHLOROBENZENE	106467	1.0 2.0 1.0
835	METHYL 4-BUTOXYBUTYRATE	29806062	2.0
836	*TRI-M-CRESYLPHOSPHATE	563842	2.0
837	3-METHYL ADIPIC ACID	61698586	2.0
838	CYMENE (ISOMER UNKNOWN)	208	2.0
839	CYMENE (ISOMER UNKNOWN)	209	2.0
840	X**$1,2,4-TRICHLOROBENZENE	120821	2.0 1.0 1.0
841	1,2,4-TRIMETHYL ETHYL BENZENE	94128626	2.0
842	2,4,5-TRIMETHYLETHYL BENZENE	17851273	2.0
843	DIETHYL TOLUENE	25550134	2.0
844	2,4,6-COLLIDINE	108756	2.0 2.0 2.0
845	BENZONITRILE	100470	2.0
846	2-AMINO-5-PICOLINE	1603414	2.0
847	TRANS-2-ETHYL-3-PROPYLOXIRANE	56052950	2.0
848	P-METHYLANISOLE	104938	2.0
849	2,3,4-TRIMETHYLOXETANE	53778613	2.0
850	2,5-DIMETHYL THF	1003389	2.0
851	4-BROMO-3-PHENYLSYDNONE	13163090	2.0
852	3,8-DIMETHYL-5-ISOPROPYL-1,2-NAPHTHOQUIN	5574345	2.0
853	CHLORODIODOMETHANE	593715	2.0
854	1-METHYL-4-(1-METHYLETHENYL)-CYCLOHEXENE	138863	2.0
855	1-(2-BROMOETHYL)-4-CHLOROBENZENE	6529539	2.0 0.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE VLC XLC L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C O2M B2C B1M B1N
856	3,4,5,6-TETRAMETHYLPHENANTHRENE	7343068	2.0 1.0
857	2,4,5,7-TETRAMETHYLPHENANTHRENE	7396385	2.0
858	(2-BROMOCYCLOPROPYL)BENZENE	36617024	2.0
859	OCTAHYDROAZOCINE	1121922	2.0
860	PIPERIDONE	89816	2.0
861	COUMARONE	271896	2.0
862	P-TOLYL ACRYLIC ACID	1866393	2.0
863	N-HEXYLBUTANAMIDE	10264172	2.0
864	4H-PYRAN-4-ONE	108974	2.0
865	5-DECANONE	820291	2.0
866	3,3-DIMETHYL-2-HEXANONE	26118387	2.0
867	4-METHYLHEXANAL	41865978	2.0
868	~~DIMETHYL SULFATE~~	~~77781~~	2.0 2.0
869	XGUAIACOL	90051	2.0
870	1-VALERYLPYRROLIDINE	4419572	2.0
871	1-ETHYL-2,5-PYRROLIDINEDIONE	2314785	2.0
872	METHYL CAPROATE	106707	2.0
873	1-ACETYLPIPERIDINE	618428	2.0
874	CONIINE	458888	2.0
875	HEPTYL ACETATE	112061	2.0
876	ETHYL BUTYL KETONE	106354	2.0
877	DIPROPYL CARBINOL	589559	2.0 1.2
878	HEPTYL ALCOHOL	111706	2.0 2.0
879	TRANS-2-METHYLCYCLOPENTANOL	25144041	2.0
880	~~PHOSPHORIC ACID~~	~~7664~~	2.0 ~~2.0~~
881	XPHENYL ETHER	101848	1.0 2.0
882	2,4,5-TRICHLOROANILINE	636306	2.0
883	1,5-DIPHENYL-3-PENTANONE	5396918	2.0
884	4-PHENYLBICYCLOHEXYL	28273272	2.0 1.0
885	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE	24035505	2.0 2.0
886	2,3-LUTIDENE	583619	2.0 2.0
887	XN,4-DIMETHYLBENZENESULFONAMIDE	640619	2.0
888	4-METHYLPHTHALIC ACID	4316238	2.0
889	4,6-DIMETHYLNONANOIC ACID	19943716	2.0
890	XO-CHLORONITROBENZENE	88733	2.0
891	DIMETHYLFLUORENE	4612639	2.0
892	4-METHYLPHENANTHRENE	832644	2.0
893	1,2,3,4-TETRACHLOROBUTANE	3405688	2.0
894	X3-METHYLPHENANTHRENE	832713	2.0
895	XN-AMYL ALCOHOL	71410	2.0
896	XMETHYLAL	109875	2.0 2.0
897	4-PENTEN-2-OL	625310	2.0
898	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE	3863587	2.0
899	5-DODECANONE	19780100	2.0
900	XQUINOLINE	91225	2.0 1.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2M L2N L2O G3C C1P C1M C1N G2N R1C R2C E1C O2N B2C S1N B1N
901	TETRAPROPYLENE GLYCOL	1376	2.0
902	N-ETHYL-2-BENZOTHIAZOLAMINE	28291692	2.0
903	N,N-DIMETHYLBENZYLAMINE	103833	2.0
904	DIMETHYLCYCLOHEXANE DIONE	126818	2.0 2.0
905	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	144194	2.0
906	METHYL LAURATE	111820	2.0
907	ETHYL MYRISTATE	124061	2.0
908	6-METHOXY-2-HEXANONE	29006086	2.0
909	6-METHYL-2-HEPTANONE	928667	2.0
910	1,2-DIAZABICYCLO(2.2.2.)OCTAN-3-ONE	1632264	2.0
911	2-METHOXY-10-UNDECENOIC ACID	214	2.0
912	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4	15356746	2.0
913	1-PROPOXY-2-PROPANOL	1569013	2.0
914	2-ETHYLHEPTANOIC ACID	3274291	2.0
915	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE	115673	2.0
916	X3,5-DICHLOROPHENOL	591355	2.0
917	BROMOCHLOROBENZOIC ACID	25638146	2.0
918	16-HYDROXY PALMITIC ACID	506138	2.0
919	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE C	3650042	2.0
920	4,6-DIMETHYL OCTANOIC ACID	2553960	2.0
921	5-METHYL-2-HEPTANONE	18217124	2.0
922	2-METHYLENEBUTYRIC ACID	3586581	2.0 1.0
923	P-AMINOBENZENE-T-BUTYRIC ACID	15118682	2.0
924	5-ETHENYL TETRAHYDRO-.ALPHA..,ALPHA..,5-T	5989333	2.0
925	6-METHYL-3,5-HEPTADIEN-2-ONE	16647844	2.0 2.0
926	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL	14049117	2.0
927	2-METHYL-2-HEPTEN-4-ONE	22319240	2.0 2.0
928	3,4-DIMETHYL-2,5-FURANDIONE	766392	2.0
929	XETHYL CARBONATE	105588	2.0
930	4,4-DICHLOROBUTENOIC ACID	16502888	2.0
931	BARBITAL	2518721	2.0
932	2-BROMO-1,2-DICHLOROPROPANE	17759885	2.0
933	METHYL DICHLOROACETATE	116541	2.0
934	3-OCTEN-2-ONE	1 69449	2.0
935	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	28798865	2.0
936	5,5-DIMETHYLFURANONE	137	2.0
937	5-HEPTEN-2-ONE	6714887	2.0
938	N-METHYL-2-PIPERIDINONE	931284	2.0
939	3,4-DIMETHYL-3-PENTEN-2-ONE	684946	2.0
940	METHYL-9,11-OCTADECADIENOATE	13038476	1.0 2.0
941	N-BENZOYL-L-ALANINE, METHYL ESTER	7244679	1.0
942	9,12-OCTADECADIENOIC ACID	60333	1.0
943	1-HEXANOL	111273	0.2 1.0*
944	1,1,2,3-TETRACHLOROPROPANE	18495302	1.0 1.0*
945	6-PHENYL-2-HEXANONE	14171692	1.0 1.0*

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE														
			V1C	X1C	L2P	L2N	L2N	L2D	C3C	C1P	C1N	C2N	R1C	R2C	E1C	G2N	B2C	B1M	B1N
946	3-PENTEN-2-ONE	625332		1.0															
947	3-METHYL-2-BUTEN-1-OL	556821		1.0															
948	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL	54863148		1.0															
949	TETRAMETHYL BIPHENYL	4920950			1.0				1.0										
950	HEXAMETHYL BIPHENYL	56667017			1.0														
951	1N-PROPYL BENZENE	103651			1.0														
952	4,5,7-TRIMETHYLINDAN	6682060			1.0														
953	1,4-DIMETHYL-2-ISOBUTYL BENZENE	55669880			1.0														
954	PHENYLCYCLOHEXANE	827521			1.0														
955	1-ETHYLNAPHTHALENE	1127760			1.0														
956	1,3,5-TRI-TERT-BUTYL BENZENE	1460822			1.0				1.0										
957	1,1,4,5,5,8-HEXAMETHYL-S-HYDRINDALENE	17465597			1.0														
958	NEOPENTYL BENZENE	1887267			1.0														
959	(1,2,2-TRIMETHYLPROPYL) BENZENE	19262205			1.0														
960	1-METHYL-2-(1-ETHYLPROPYL) BENZENE	54418741			1.0														
961	(2-ETHYLBUTYL) BENZENE	19219853			1.0														
962	9-ETHYL PHENANTHRENE	3674757			1.0														
963	1,6-DIMETHYL INDAN	17859482			1.0											1.0			
964	1,2-DIMETHYL INDAN	17857824			1.0														
965	1,4,7-TRIMETHYL INDAN	54346873			1.0														
966	1,2,4-TRIMETHYL PHENANTHRENE	23189642			1.0														
967	2,9,10-TRIMETHYL ANTHRACENE	63018940			1.0														
968	OCTYL BENZENE	2189688			1.0														
969	1,1,3-TRIMETHYL INDAN	2613765			1.0														
970	X9-METHYL ANTHRACENE	779822			1.0														
971	ISOBUTYL BENZENE	538932			1.0														
972	META-CYMENE (M-ISOPROPYL TOLUENE)	535773			1.0														
973	DIMETHYL ETHYL BENZENE	202			1.0						1.0								
974	1,8-DIMETHYL TETRALIN	25419334			1.0														
975	1,2-DIMETHYL NAPHTHALENE	573988			1.0														
976	METHYL ACENAPHTHENE (ISOMER UNKNOWN)	58948382			1.0														
977	XDI-N-BUTYLNITROSAMINE	924163			1.0														
978	3,3,3-TRICHLOROPROPENE	2233883				1.0													
979	TERT-BUTYLBENZENE	98066				1.0					1.0								
980	4,6-DIMETHYL PYRIMIDINE	1558174				1.0													
981	2,3-DIMETHYL PYRAZINE	5910894				1.0													
982	PYRAZOLE	288131				1.0													
983	N-PROPYLNAPHTHALENE	325					1.0		1.0										
984	TRIMETHYLNAPHTHALENE	319					1.0		1.0										
985	METHYL NONADECANOATE	1731948					1.0												
986	~~TRICOSANE~~	629505					1.0		1.0								1.0		
987	~~NTETRADECANE~~	629594					1.0												
988	XCINNAMYL ALCOHOL	104941					1.0												
989	2-T-BUTYL NAPHTHALENE	2876359					1.0												
990	2-METHYL-1-PROPYLNAPHTHALENE	54774899					1.0												

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2N L2N L2O C3C C1P C1N C1N C2N R1C R2C E1C O2N B2C B1M B1N
991	NONYL PHENOL ISOMER	511	1.0
992	XIMDENE	95136	1.0
993	CHLOROVINYLBENZENE	622253	0.0 1.0
994	GAMMA METHYLBENZENEBUTANDIC ACID, METHYL	24386238	1.0
995	2-METHYLBENZAMIDE	6086	1.0
996	X*M-NITROANILINE	99092	1.0
997	4-TERT-BUTYL-2-METHYLPHENOL	98271	1.0
998	1-METHYL-3-PROPYL BENZENE	1874437	1.0
999	3-METHYL-3-HEXANOL	597966	1.0
1000	1-ALLYLBENZENE	637503	1.0
1001	DIETHYLMETHYLVINYLSILANE	18292290	1.0
1002	XM-CHLORONITROBENZENE	121733	1.0
1003	2-PHENYL-1,4-CYCLOHEXADIENE	1370521	1.0
1004	1,4-DIMETHYL-5-OCTYLNAPHTHALENE	55000538	1.0
1005	1-ALLYLNAPHTHALENE	2489863	1.0 1.0
1006	3,4'-DIMETHYL-1,1'-BIPHENYL	7383906	1.0 1.0
1007	ETHYLBENZYL BENZENE (ISOMER UNKNOWN)	425504541	1.0
1008	~~PENTATRIACONTANE~~	~~638079~~	~~1.0~~
1009	~~DI-P-TOLYLMETHANE~~	~~4957146~~	~~1.0~~
1010	DIMETHYLDIPHENYLMETHANE	13540562	1.0
1011	AMYL BENZENE	538681	1.0
1012	5-METHYL INDAN	874351	1.0
1013	1-METHYL TETRALIN	1559815	1.0 1.0
1014	X*TRIPHENYL PHOSPHATE	115866	1.0 1.0
1015	PARA-METHOXYSTILBENE	1142150	1.0 1.0
1016	1,2,4-TRITERTIARY BENZENE	1459116	1.0
1017	*P-CHLOROACETOPHENONE	99912	1.0
1018	3-METHYL-2-HEXANOL	2313657	1.0
1019	P-ETHYL-ISOPROPYLBENZENE	4218488	1.0
1020	2,6-DI-TERT-BUTYL TETRALIN	42981760	1.0
1021	1,1,3-TRICHLORO-1-PROPENE	2567148	1.0
1022	1-BROMO-2-CHLOROCYCLOPENTANE	14376820	1.0
1023	7-ETHYLQUINOLINE	7661474	1.0
1024	BETA,BETA-DIMETHYL HISTAMINE	21150816	1.0
1025	3-CYCLOHEXYL-4-PENTEN-2-ONE	55702548	1.0
1026	~~HEPTANE~~	~~142825~~	~~1.0~~
1027	DIISOBUTYL KETONE	108838	1.0
1028	5-METHYL-5-PHENYL-2-HEXANONE	14128611	1.0
1029	4-DECANONE	624168	1.0
1030	6-METHYL-2-PHENYLQUINOLINE	27356463	1.0
1031	HEXAMETHYLENE ACETAMIDE	5809416	1.0
1032	4-METHYL-3-HEXANOL	615292	1.0
1033	HEXYL BUTYRATE	2639636	1.0
1034	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	93765	1.0
1035	*TRICHLOROBIPHENYL	25323686	1.0

(continued)

TABLE 12. (continued)

COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE V1C X1C L2P L2M L2N L2D C3C C1P C1N C1M C2N R1C R2C E1C D2N B2C B1M B1N
1036	2,3,6-TRIMETHYLHEPTANE	4032933	1.0
1037	+X*$LINDANE	58899	1.0
1038	X*O-CHLOROTOLUENE	95498	1.0 1.0
1039	X*+$HEPTACHLOR	76448	1.0
1040	*$TETRACHLOROBIPHENYL	26914330	1.0
1041	*+$PENTACHLOROBIPHENYL + OTHER PCBS	800	1.0
1042	*$HEXACHLOROBIPHENYL	26601649	1.0
1043	X+$DDE	72559	1.0
1044	X*+$DDT	50293	1.0
1045	DIBENZOTHIOPHENE	132650	1.0
1046	4-METHYLDIBENZOTHIOPHENE	7372885	1.0
1047	XETHYLENE TETRACHLORIDE	127184	1.0
1048	O-ETHYLSTYRENE	7564638	1.0
1049	1,1,2,3,3-PENTACHLOROPROPANE	15104617	1.0
1050	1,6-DICHLORO-1,5-CYCLOOCTADIENE	29480420	1.0
1051	2-ETHYL-1,1-BIPHENYL	1812517	1.0
1052	1-METHYLFLUORENE	1730376	1.0
1053	METHYLBENZACRIDINE	3519877	1.0
1054	3-HYDROXY-3-METHYL-2-BUTANONE	115220	1.0
1055	X2,4-LUTIDINE	108474	1.0
1056	2,5-LUTIDINE	589935	1.0
1057	2,4,5-COLLIDINE	1122390	1.0
1058	4-ETHYL-2,6-DIMETHYL PYRIDINE	36917369	1.0
1059	2,3,5-COLLIDINE	695987	1.0
1060	3-ETHYL-5-METHYLPYRIDINE	3999788	1.0
1061	2,3,6-TRIMETHYLPYRIDINE	1462846	1.0
1062	N,N-DIETHYLANILINE	91667	1.0
1063	3-DODECANONE	1534276	1.0
1064	4-ACETYLMORPHOLINE	1696204	1.0 1.0
1065	XQUINALDINE	91634	1.0
1066	2,3,4-TRIMETHYLQUINOLINE	2437721	1.0
1067	TRIMETHYLQUINONE	1364	1.0
1068	HEXANEDIOIC ACID, DIHEXYL ESTER	1759	1.0
1069	X*P-NITRO PHENOL	100027	1.0
1070	3-CHLORO-2-BUTANOL	563468	1.0
1071	7-OXO-OCTANOIC ACID	14112982	1.0
1072	3-METHYLPIPERIDINE-2,6-DIONE	29553513	1.0
1073	5-PROPYLDIHYDRO-2-FURANONE	105215	1.0
1074	3A,7A-DIMETHYL OCTAHYDRO-4-ISOBENZOFURAN	54382580	1.0
1075	UNDECANE	1120214	1.0
1076	3-METHYL-3-OCTANOL	5340363	1.0
1077	BROMODICHLOROANILINE	739	1.0
1078	HEPTYLPROPIONATE	2216611	1.0
1079	ACETAMIDE	60355	1.0
1080	XCHLOROACETIC ACID	79118	1.0

(continued)

TABLE 12. (continued)

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COMBINED CONCENTRATE REPORT(PART I.A)

	COMMON NAME	CAS NO.	RELATIVE SIZE													
			VLC	XLC	L2P	L2N	L2N	L2O	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
1081	4-CHLOROCROTONIC ACID	16197983																		1.0
1082	*2,4-DICHLORONAPHTHALENE	2198756																		1.0
1083	SEC-ISOAMYL ALCOHOL	598754																		1.0
1084	5-(ACETYLOXY)-2-PENTANONE	5185977																		1.0
1085	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211																		1.0
1086	DIETHYLENE GLYCOL, MONOMETHYL ETHER	111773																		1.0
1087	N-BUTYLAMINE	109739																		1.0
1088	2,4-DIISOPROPYLPHENOL	2934056																		1.0
1089	METHYLOCTADEC-10-ENOATE	13038454	0.0																	1.0
1090	METHYL ISOPALMITATE	5129602	0.0																	
1091	X+BDIHEXYL PHTHALATE	84753	0.0																	
1092	3-BROMOPENTANE	1009105						0.0												
1093	PHENYLPROPYL ETHER	622855						0.0												
1094	BENZOTHIOPHENE	95158						0.0												
1095	PHENALENE	203605						0.0												
1096	4-ETHYLSTYRENE	3454077						0.0												
1097	3,3-DIMETHYL-2(3H)-FURANONE	13524760						0.0												
1098	FLUOROIODOBENZENE (ISOMER UNKNOWN)	1111													0.0					
1099	3-METHYL-2-FURANONE	22122367														0.0				
1100	1,4,5-TRIMETHYL NAPHTHALENE	2131411															0.0			
1101	3-METHOXY-3-METHYL-2-BUTANONE	36687986															0.0			
1102	DIBROMOPHENOL	546	-1.0														0.0			
1103	1H-IMIDAZOLE-2-CARBOXALDEHYDE	10111067	-1.0																	
1104	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL	10482561	-1.0																	
1105	1,2-CYCLOHEXANEDIOL	931179	-1.0																	
1106	METHYL HEPTADECANOATE	1731936	-1.0																	
1107	BUTYL THIAZOLE	6086222	-1.0																	

* RS ENTRIES LABELED WITH AN ASTERISK ARE PROBABLY ATTRIBUTABLE TO THE BLANK ASSOCIATED WITH CONCENTRATE GENERATION. SEE DISCUSSION IN TEXT OF VOLUME 1.

TABLE 13. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN AWT CONCENTRATES SHOWING THE IDENTIFICATION STATUS

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
1	CLOFIBRIC ACID †			P	P	P	P		P	P	P	P			P	P	P	P	
2	DIOCTYL SEBACATE			P					P	T						T		P	
3	X+$DI-N-BUTYLPHTHALATE	P		P	P	P	P	P			P	P	P	P	P	P	P	P	P
4	2-(2-BUTOXYETHOXY)ETHANOL A DIETHYLE						P	P	P	P			P	T	P		P	P	
5	DIETHYLENE GLYCOL, 4-METHOXTYL BUTYL							T											
6	DIETHYLENE GLYCOL, 2-METHOXTYL BUTYL							T											
7	X*DIPHENYLAMINE			1.5	0.8			0.1	9.8	2.2	0.1								
8	X+$DIOCTYLPHTHALATE			T						P			P	P			T		
9	2-ETHYLHEXANOIC ACID	T		P	P	P	P	P	P	P	T	T	P	P		P	P	P	
10	%BENZOIC ACID	P	T	P	P	85.2	P	P	P	P	26.8	41.8	P	P	P	P	P	P	P
11	1-(2-BUTOXYETHOXY) ETHANOL			P	T			T	T	P	T		T	P	T				
12	2,4-DIMETHYLBENZOIC ACID				P	T	T	P		T	T			P					
13	%TRIS-B-CHLOROETHYL PHOSPHATE				P		P	P	P	P	P	P		P		P		P	P
14	PHENOXY ACETIC ACID					P	P				P	P							
15	M-TOLUIC ACID						P	P					P	P	P	P	P		
16	2-PHENYLPROPIONIC ACID						P					T		T		P			
17	2-ETHYL-3-METHYLMALEIC ACID						T			T	T			T		P	T	T	T
18	TRIPROPYLENE GLYCOL, METHYL ETHER			P	P	P	P			P	P	P	P					P	P
19	TRIPROPYLENE GLYCOL, METHYL ETHER			P	P	P	P			P	P							P	
20	TRIPROPYLENE GLYCOL, METHYL ETHER			P	P	P	P											P	P
21	TRIPROPYLENE GLYCOL, METHYL ETHER			P	P	P	P			P	P	P	P	P				P	T
22	%1-BUTANOL				T		P			T			T	P	T	P	P		T
23	TRIETHYLENE GLYCOL N-BUTYL ETHER	T			T			T					T						
24	DIOCTYL ADIPATE	T	P	T	P					T				P	T		P		
25	%BIS(2-ETHYLHEXYL) ADIPATE	P			P		T		P	P	P		P					P	
26	X$1,1,2,2-TETRACHLOROETHANE		T		P			P		P	P	P		P			P	P	
27	%MONOBUTYL PHTHALATE		P				P		T				P	P	P	P	P	P	
28	%PALMITIC ACID		P	P	P	P				P		P	T	P			P	P	P
29	%STEARIC ACID		P		P					P			P	P		T	P	P	P
30	ORTHO-TOLUIC ACID			T	T		P	T			T	T	P	P	P	P	P		
31	4-PHENYL PENTANOIC ACID			T	T		T												
32	3,3-DIMETHYLBUTYRIC ACID			T	T		P					P							P
33	%CAPRYLIC ACID			P	>	P	P		P	P		P	P	P		P	P	P	P
34	BUTYLATED HYDROXY TOLUENE (BHT)			P			P		P	P	P		P	P		P			P
35	2,6-DI-TERT-BUTYLPHENOL			T					T										
36	%PHENYLACETIC ACID				P	P	P						P	P		P	P	P	P
37	3,5-DIMETHYLBENZOIC ACID				T	T	P	T		P	P	T	T	T		P			
38	3-PHENYL PENTANOIC ACID				T		T				T					T			
39	%ETHOSUXIMIDE				P		P							P		P	P	P	P
40	DIETHYLENE GLYCOL, BUTYL ETHER				P						P	P		P					
41	$BUTYL-BUTOXY ETHYL PHTHALATE				T											T			
42	2,5-DIMETHYLBENZOIC ACID					T	P	T			T	T	T				P		
43	P-TOLUIC ACID					P	P			P		P	P	P	P	P	P		
44	%P-CHLOROBENZOIC ACID					P	P	P			P				P	P			
45	%SACCHARIN					P	P				P	T							T

† THIS ENTRY APPEARS OUT OF ORDER. IT SHOULD APPEAR BETWEEN ENTRIES NO. 6 AND NO. 18.

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
46	4-METHYLHEXANOIC ACID						T												
47	6-NONENOIC ACID						T												
48	O-ETHYLBENZOIC ACID						P												
49	BETA,BETA-DIMETHYLBENZENEPROONIC ACID						T												
50	2,3-DIMETHYLMALEIC ACID						P				T			P		P	P	P	
51	1-PHENYLBUTYRIC ACID						P	T											
52	%MANDELIC ACID						T												
53	O-CHLOROBENZOIC ACID						P	P			P	P				P	P		
54	3,4-DICHLOROBENZOIC ACID						T				P					P	T		
55	2-BENZYLACRYLIC ACID						T								T		T		
56	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXEN						T			T									
57	$BUTYL METHYL PHTHALATE							T	T			T	P	P	P	P	P		
58	TRIETHYLENE GLYCOL, TERT-BUTYL ETHER							T											T
59	DIHEXYLADIPATE												T	T					
60	DIISOOCTYLPHTHALATE				P	P	P			P	P	P		P					
61	DIPROPYLENE GLYCOL, METHYL ETHER			P					P	P	T							P	T
62	2,5-DI-T-AMYL QUINONE				P	P	P			P		P	P						T
63	DIPROPYLENE GLYCOL, METHYL ETHER				P								P	P				P	T
64	TRIPROPYLENE GLYCOL, METHYL ETHER		T	T	T					T									P
65	%METHYL BUTYLKETONE				T	T							P	P					
66	TRIPROPYLENE GLYCOL, METHYL ETHER				T								P	P					
67	TRIPROPYLENE GLYCOL, METHYL ETHER													P					P
68	TRIPROPYLENE GLYCOL, METHYL ETHER													P					P
69	%+$DIETHYL PHTHALATE	P	P		T							P	P	P	P		P		
70	2-BUTYL-N-BUTYRATE							T						P					
71	%CAPROIC ACID	T		P	P	P	P		P			P	P	P	T	P	P	T	P
72	%CAPRIC ACID	P		P	P				P	P			P	P	P	P	P		P
73	%MYRISTIC ACID	P	P	P	P				P	P		P	P	P		P	P	P	P
74	PENTADECANOIC ACID	P	P		P				P	P			P	P			P	P	P
75	ELAIDIC ACID	P			P		T			P			P	P			P	P	P
76	DEHYDROABIETIC ACID	P	T	P	P	P			P	T			P	P	P	P	P	P	
77	%+PHENANTHRENE	P		P		P	P		P	P	P		P	P		P	P		
78	P-PHENYLACETOPHENONE	T												T	T		T		
79	PALMITOLEIC ACID	T									T			P					
80	METHYL OLEATE	P		P		T		T			P	P	P	P	P		P		P
81	%$DI-ISOBUTYLPHTHALATE	P		P				P							P		T		
82	%$DICYCLOHEXYL PHTHALATE	P			P			P	P			P	P	P		P		P	
83	%+$BIS(2-ETHYLHEXYL) PHTHALATE	P			P			P				P	P		P	P	P	P	P
84	%LAURIC ACID		P	P	P		P			P				P		P	P	P	P
85	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECA		T				T			T				T					
86	2-ETHYLBUTANAL		T																
87	2-METHYL-3-HEXANOL		T																
88	%PELARGONIC ACID			P	P	P				P	P	P	P	F		P	P		P
89	P-T-BUTYLPHENOXY ACETIC ACID			T	T	T	P		T	T	P	P							
90	8-NONENOIC ACID			T	T		T												

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
91	SUBERIC ACID			T								T	P	P		P	P		
92	%+NAPHTHALENE			P		P			P	P					P	P			
93	9,10-DIHYDRO-9,9-DIMETHYL ACRIDINE			T					T										
94	$N-BUTYL-ISOBUTYLPHTHALATE			T		T				T				T	T		T		
95	ACETYL BIPHENYL			T															
96	4-ETHOXYBUTYL BUTANOATE			T				T											
97	$METHYL ETHYL PHTHALATE			T						T									
98	2-BUTOXYETHYL BUTANOATE			T															
99	%METHYL PROPYL KETONE			T					T		T								
100	2-PHENYLBUTYRIC ACID				P	T	P	T			T	P		T					
101	%PHENOBARBITAL				P		P			P	P			P	P				
102	2,2-DIMETHYL BUTYRIC ACID				T		P			T	T				T			T	
103	1-METHOXY-2-PROPANOL				T				T							P		T	
104	2-METHYL-3-HEXENOIC ACID				T	T	T					T							
105	2-ETHYLSUBERIC ACID				T					T	T								
106	ISOVALERIC ACID				P	P	P							P			P	P	P
107	3-ETHYLHEXANOIC ACID				P					P								P	
108	%AMOBARBITAL				P		P						P						
109	3,4-DIMETHYLBENZOIC ACID				P		P												
110	%SALICYLIC ACID					P			P		P			P	P	P		P	P
111	%PHTHALIC ACID					P							P	P		P	P	P	P
112	2-KETOISOCAPROIC ACID					T				T						P			
113	2-METHYLHEPTANOIC ACID					T	T							T					
114	TRIPROPYLENE GLYCOL					T													
115	P-ISOPROPYL BENZOIC ACID					T	T	P								T	T		
116	DIPROPYLENE GLYCOL, 2-PROPENYL ETHER					T								T					
117	BUTYL BUTYRATE					T		T	T					T					
118	TRIPROPYLENE GLYCOL, METHYLHER (ISOME					T							P					P	
119	2,2-DIMETHYLVALERIC ACID						P					T							
120	%N-HEPTANOIC ACID						P	P		P	T	P	P	P		P	P		T
121	4-METHYL-4-NITROPENTANOIC ACID						T												
122	4,5-DIMETHYLCYCLOOCTANE CARBYLIC ACID						T												
123	M-CHLOROBENZOIC ACID						P				P		P	P		P			
124	2,3-DIMETHYLBENZOIC ACID						T				P								
125	2,4,5-TRIMETHYLBENZOIC ACID						P				T	P	P			P			
126	3-HYDROXYCAPRIC ACID						P												
127	%2-NAPHTHOIC ACID						P											P	
128	CIS-OCTAHYDRONAPHTHALENE CARBYLIC ACID						T												
129	5,5-DIMETHYLDIHYDROFURANONE						T			T								T	T
130	3,5-DIMETHYLDIHYDROFURANONE						T			T								T	T
131	N-BUTYLBENZENESULFONAMIDE							P		P			P				P	P	
132	3,5-DIMETHYL STYRENE								T	T		T							
133	%P-TOLUENESULFONAMIDE								T		T								
134	P-TERT-BUTYLPHENOXYMETHYL ACETATE								T	T						T			
135	1,2,4-TRIBUTYLBENZENE								T										

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
136	4-TERPINEOL ISOMER								P										
137	N,N-DIMETHYLHEPTANAMIDE								T	T									
138	METHYL ELIADATE								P										
139	METHYLTRIDECYLOCTANOATE								T										
140	BUTYL METHOXYBUTYRATE									T									
141	~~2-METHYLHEPTANE~~																		
142	2,4-DICHLOROBENZOIC ACID										P							P	P
143	%OLEIC ACID												P	T				P	P
144	3,7-DIMETHYL-6-OCTENOIC ACID												P	T					
145	TRIS(CHLOROPROPYL)PHOSPHATE													T					
146	TETRAHYDRO-2-METHYL-2-FURANOL																T		
147	2-METHYL-2,4-PENTANEDIOL																	T	T
148	2-BUTOXYETHANOL				P	P	P			P	P	T		P	P	P		P	P
149	~~%OLEANE~~									T		T				T			
150	HEXAN-3-ONE				T					T	T								
151	4-ISOPROPYLACETOPHENONE			P															
152	6-METHYL-5-HEPTEN-2-ONE					P												T	T
153	2,5-HEXANEDIOL										T				T		T		
154	TETRAHYDRO-1,1-DIOXIDE THIOPHENE												T	P					
155	BENZOTHIAZOLE	P		P	T	P	P		P	P	P	P	P			P			
156	DIPROPYLENE GLYCOL METHYL ER (1-(2-			T	P	T	T												
157	ADIPIC ACID, DIHEXYL ESTER						T						T	T					
158	%+$BUTYL BENZYL PHTHALATE							P	P	P		P					P		
159	2,6-BIS(1,1-DIMETHYLETHYL)-THYLPHENOL			T						T									
160	%BENZALDEHYDE			P	P	P	P			P	P	P		P	P	P		P	P
161	ISOPENTADECANOIC ACID	P												T		T			
162	%*+$PENTACHLOROPHENOL	0.2		16.5			5.2		43.9	10.2	6.8	11.1	P	8.1	8.8		8.7	8.2	8.4
163	%*+$2,4,6-TRICHLOROPHENOL	0.3					3.9	9.6	1.6		2.4	1.3	P	9.1			8.2		
164	%+PYRENE	P		P					P	P									
165	%TRIBUTYL PHOSPHATE	P	P	P									P	P	P		P		
166	METHYL PALMITATE	P							P					P					
167	METHYL STEARATE	P		P			P		P										
168	2-ETHYL-1-HEXANOL	T		P			P		P	T	P		P	P			P	P	
169	2,6-DI-T-BUTYL-P-BENZOQUINONE	P		P	P			P	P	P	P		P			P	P	P	
170	~~CARBONIC ACID~~		T							T		T	T						T
171	%1,4-DIOXANE		T									T							
172	$ETHYLBENZENE		P	P	P		P					P						P	
173	%$P-XYLENE		P	P	P		P									P			
174	%AZELAIC ACID		P									T	P	P		P	P	P	
175	ANTEISOHEPTADECANOIC ACID		P											P					
176	MARGARIC ACID		P										P	P		P	P		P
177	4-METHYL-2-PENTANOL		T		T			T						T					
178	2-HEXANOL		T	P	T						T						T		
179	3-METHYLCYCLOPENTANONE		P		P														
180	2-HEXANEAMINE		T																

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		M1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
181	2,4-HEXADIEN-1-OL		T																
182	5-PHENYL PENTANOIC ACID			T	T														
183	1,1-DIMETHYL TETRALIN			P															
184	4-ETHYL-1,2-DIMETHYL BENZENE			P				P	P										
185	1,3-DISOPROPYL BENZENE			P				T											
186	X*O-CHLOROANILINE			0.6			2.7	4.5	3.9	24.9			1.8	1.8	0.6				
187	1,4-DIETHYL BENZENE			P															
188	XP-CYMENE (P-ISOPROPYL TOLUENE)			P							P								
189	ISODURENE			P				P	P										
190	1-PHENYL DECANE			P															
191	TRIMETHYLNAPHTHALENE			P		P		P	P										
192	DIBUTYL SEBACATE			T															
193	2-(4-TERT-BUTYL PHENOXY)ETHANOL			T															
194	1-METHYL-4-(1-METHYLETHYL)-YCLOHEXEN-			P										T					
195	N,N-DI-N-BUTYL FORMAMIDE			P				P			P		P	P	P		P	P	
196	ISOPROPYL PHENYL PROPAN-1-OL			P					P										
197	X$DIMETHYL PHTHALATE			T			T								P		T		
198	4-TERPINEOL ISOMER			P	P							P				T			
199	TRIPROPYLENE GLYCOL, ETHYL EER ISOMER			P											T				
200	M-CYCLOHEXYLPHENOL			P															
201	XHYDROCINNAMIC ACID			T															
202	2-METHYLBUTYRIC ACID			T															
203	2-ETHYLBUTYRIC ACID			T															
204	XVALERIC ACID			T															
205	3-METHYL VALERIC ACID			T															
206	BIS(2-ETHOXYETHYL)ETHER			T															
207	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID			T															
208	X*+PHENOL			T															
209	X*$P-CHLOROPHENOL			T															
210	XETHYL ACETATE			T															
211	3,3 DIMETHYLGLUTARIC ACID			T															
212	XPENTABARBITAL			T															
213	2,4,6-TRIMETHYLBENZOIC ACID			T															
214	3-HEXANOL			T															
215	XMETHYL ISOBUTYL KETONE			T															
216	TRI-N-PROPYLENE GLYCOL, METHYL ETHER			T															
217	CYCLIC TETRAMETHYLENE ADIPATE			T															
218	TETRAETHYLENE GLYCOL DIMETHYLETHER			T															
219	N-BUTYL ACETATE			T															
220	2-(2-METHOXY-1-METHYLETHOXY)-PROPANOL			T															
221	BETA-CARYOPHYLLENE			T															
222	XADIPIC ACID			T															
223	TEREPHTHALIC ACID			T															
224	METHYLCAPRYLIC ACID			T															
225	BETA-GURJUNENE			T															

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	B2N	B2C	B1N	B1N
226	2,6-NAPHTHALIC ACID					P													
227	5-EPIDEOXYPODOCARPIC ACID					T													
228	CLOVENE					T			T	T									
229	$M-CHLOROPHENOL					T													
230	+ISOPHORONE					P				P									
231	XN-NITROSO-3-METHYL PIPERIDINE					T													
232	NONYLPHENOL					T													
233	XMESITYL OXIDE (3-ISOHEXEN-2-ONE)					P													
234	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL					T							T						
235	2-ETHYLVALERIC ACID					T			P										
236	2-METHYLGLUTARIC ACID						T						T					T	
237	5-METHYL HEXANOIC ACID						T					T							
238	2,6-DIMETHYLBENZOIC ACID						T						T				P	T	
239	2,3,6-TRIMETHYL BENZOIC ACID						P				P	P							
240	XDICAMBA						T												
241	1-NAPHTHOIC ACID						T												
242	3-(3,4-DIMETHOXYPHENYL)-2-PENOIC ACID						P											P	
243	2-METHYLCAPROIC ACID						T												
244	BETA,BETA-DIMETHYLPHENYLACETIC ACID						T												
245	ALPHA-METHYLENE BENZENE PROPAOIC ACID						P							T					
246	(2,5-DIMETHYLBENZENE)BUTANOIC ACID						T												
247	PHTHALIDE						T						T	T	T	T	T		
248	2,2,4,4-TETRAMETHYL PENTANOIC ACID						P			P	P			P				P	
249	3-METHOXY-1,2-BENZISOTHIAZOLE							T		T	T	T	T	T				T	
250	*TRICRESYL PHOSPHATE (ISOMER UNKNOWN)							T		T									
251	DECYLENE							1.7					3.9	3.9			128.8		
252	1-UNDECENE								T										
253	ALPHA-DODECYLENE								T										
254	XCYCLOHEXENE								T										
255	2,3,6-TRIMETHYLNAPHTHALENE								T										
256	1,3,6-TRIMETHYLNAPHTHALENE								P	T	P			P					
257	P-ISOPROPYLDIPHENYL AMINE								T	T	T								
258	9,10-DIHYDROPHENANTHRENE								T										
259	2,2,5,7-TETRAMETHYL-4,5-OCTAENE-3-ONE								T										
260	~~XCHLOROFORM~~								T					T					
261	METHYL N-AMYL KETONE									T									
262	2-METHOXY-4-METHYL-2-PENTENOIC ACID									P				P			P		
263	XN-UNDECYLIC ACID									T	T							T	T
264	TRANS-9-HEXADECENOIC ACID									T			P	P			P		
265	1,2-BENZISOTHIAZOL-3(2H)-ONE									T	P							T	
266	1,3-DIMETHYL BUTABARBITAL									T									
267	1-PHENYL-1,2,3-PROPANETRIOL									P									
268	XBENZYL ALCOHOL									T									
269	1-HEPTADECANOL									P			P	P		P	P	P	P
270	%*2,4-DICHLOROPHENOXYACETIC AC. (2,4-D)									T						P			
											69.7		P	1.6		1.6			

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
271	%BICHLORACETIC ACID										T	T							
272	2-(2-METHOXYPROPOXY)-1-PROPL (A DIPR										T	P						P	
273	3-METHYL-2-HEPTANOL										T							T	
274	2-(2-HYDROXYPROPOXY)-1-PROPL (A DIPRO										T			T					
275	SEE NO. 50																		
276	%METHYL CHLOROFORM										T								
277	2,2-DIMETHYL-1-BUTANOL										T								
278	~~SUBSAME~~										T								
279	2-TERT-BUTYLCYCLOHEXANOL											T							
280	CHRYSANTHEMIC ACID											T							
281	2-ETHYL-3-METHYLFUMARIC ACID											T							
282	ETHENYL CYCLOPENTANEACETATE											T						T	
283	%ARACHIDONIC ACID												P	P					
284	ANTEISOPENTADECANOIC ACID												P	P		P			P
285	TRIPROPYLENE GLYCOL, METHYL ETHER												P					P	
286	%P-METHOXY-T-BUTYL PHENOL												T						
287	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL												T						
288	2-HYDROXY DECANOIC ACID													P		P	P		
289	1-[(2,6,6-TRIMETHYL-1-CYCLOEN-1-YL)OX													T					
290	TETRAETHYLENE GLYCOL MONOBUTYL ETHER													T					
291	8,11-OCTADECADIENOIC ACID													T				T	P
292	LIGNOCERIC ACID													P					T
293	1,2 4,5-DI-O-ISOPROPYLIDENEPHA-D-FRUC													T					
294	MYRISTYL ALCOHOL															P			
295	3-METHOXY-2-BUTANOL																T		
296	CYCLOHEXYL FORMATE																P	P	
297	%META-CRESOL																P	P	
298	1,5-BIS(T-BUTYL)-3,3-DIMETHBICYCLO(3.																T		
299	DIOCTYL AZELATE																T		
300	OCTADECATRIENOIC ACID																	T	T
301	ACENAPHTHYLENE																	T	P
302	PIPERIDINOL																	T	
303	%METHYLPHENYL CARBINOL																	T	
304	1-CYCLOPENTYLETHANONE																		T
305	7-OCTEN-2-ONE																		T
306	%1,2-DICHLOROETHANE			T								T							
307	4-HYDROXY-4-METHYLCYCLOHEXANONE																	T	T
308	%P-CRESOL	0.8																	
309	%CYCLOHEXANOL		P		P									P		P	19.8	79.3	48.5
310	1,2 5,6-BIS-O-ISOPROPYLIDENETA-D-TALO		T															P	P
311	BUTYL CLOFIBRATE						T												
312	2-BUTYL THF										T						T		
313	%CAFFEINE			P	P	P	P			P	P	P	P			T			
314	%DMF (DIMETHYLFORMAMIDE)					P	T							T		T			
315	PHTHALIC ANHYDRIDE																		

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1M	B1N
316	N-ACETYLCYCLOHEXYLAMINE													T					
317	4,4-DIMETHYLDIHYDROFURANONE																	T	T
318	2-METHOXY-1-PROPANOL	T											T				T		
319	ISOMYRISTIC ACID	P												P					
320	9-KETODECANOIC ACID	T											T	T	T	T	T		
321	ISOPALMITIC ACID	P												P					
322	X*FLUORANTHENE	0.3		0.2					3.4	0.2			0.8	0.8				0.9	
323	3,4-EPOXY-2-HEXANONE	T									T				T				
324	X*TOLUENE		P	T	T							T			P				
325	DIACETONE ALCOHOL		T		T						P		T					T	
326	XCETYL ALCOHOL		T													P			
327	METHYL AMYL CARBINOL		T									T					T	T	
328	4-HEPTANONE		T		T			P			T								
329	(1,4-CYCLOHEXADIEN-1-YL)BENZENE		T																
330	4-METHYL DIOXANE			T															
331	2-ACETYL-4-METHYL-4-PENTENOIC ACID			T								T							
332	X*BUTYL(BUTOXY CARBONYL) METHYPHTHALATE			T	T														
333	O-ETHYL TOLUENE			P				P	P	P	P								
334	X*STYRENE			0.9	1.0	0.4	P	0.8	0.7	1.4	0.6		0.5	0.5		1.4			
335	(1,1-DIMETHYLBUTYL) BENZENE			P															
336	6-METHYL TETRALIN			P					T										
337	PSEUDOCUMENE			P			P	P	P	P	P	P		P					
338	2-ETHYL-1,3-DIMETHYL BENZENE			P															
339	1-METHYL INDAN			T															
340	X2-METHYLNAPHTHALENE			P			P	P	P	P	P		P	P				P	
341	1-ETHYL-3,5-DIMETHYL BENZENE			P				P	P										
342	2-BUTYLNAPHTHALENE			T		T			T	T									
343	P-DIISOPROPYL BENZENE			P															
344	C9 BENZENE			T															
345	2-METHYL TETRALIN			T															
346	XBIPHENYL			P	P	P	P		P	P	P	P	P	P		P		P	
347	DIMETHYL NAPHTHALENE			P		P		P	P	P									
348	XO-CRESOL			P			P		P									P	
349	1-METHYLPYRENE			T															
350	TERPHENYL			T															
351	2,3,5-TRIMETHYL PHENANTHRENE			T															
352	1-METHYL ANTHRACENE			P					P										
353	2-OCTYLPHENOL			T				T	P										
354	EXO-BORNEOL			P														P	
355	XENDO-BORNEOL			P										P					
356	XCAMPHOR			P															
357	FENCHYL ALCOHOL			P															
358	DI-T-BUTYL ETHER			T															
359	CIS-1,2-CIS-2,3-PLINOL			T															
360	2-(2-ISOPROPYLPHENYL)-1-PROPANOL			T															

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
361	CIS-2-METHYLCYCLOPENTANOL			P	P						P					P		P	
362	TRIOCTYL PHOSPHATE			T					T										
363	METHYL HENEICOSANOATE			T															
364	METHYLDEHYDROABIETATE			T															
365	BENZOFURANONE			T		T				P				P					
366	METHYL OCTENOATE			P															
367	3-OCTENOIC ACID				T														
368	$DIMETHYL TEREPHTHALATE				P			P											
369	2-CYCLOHEXENONE				P		P			P	P	P	P						P
370	2,5-HEXANEDIONE				P		P			P	P	P	P		P	P		P	P
371	DIETHYLENE GLYCOL, MONOMETHETHER (C				P		P	P		P				T					T
372	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE				T	T	T												P
373	DICYCLOHEXYLADIPATE				T														
374	P-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL				P	T	P		P	P	T								
375	CHLOROBENZOIC ACID ISOMER					P													
376	ALPHA-CARYOPHYLLENE					T													
377	ISO-HEXANOIC ACID					P					P		T						
378	4,5-DIMETHYL-1-HEXENE					T													
379	2,3-DIMETHYLBUTYRIC ACID					P	P											P	P
380	X+ANTHRACENE					P	P	P	P										
381	~~DODECANE~~					T													
382	1-SEC-BUTOXY-2-METHOXYPROPANE					T													
383	3-METHYL-2-CYCLOHEXEN-1-ONE					P	P											T	P
384	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE					T													
385	VINYL CYCLOHEXYLFORMATE					T	T					T							T
386	P-(1-ETHYL-1-METHYLHEXYL)PHL (A NONY					T													
387	DIMETHYLSULFONE					P	P			P	P	P	P	P		P		P	P
388	2-(2-METHOXY-1-METHYLETHOXY)-PROPANOL					T													P
389	XBUTYRIC ACID						P												
390	4,4-DIMETHYL-2-PENTENOIC ACID						T				T								
391	4-OCTENOIC ACID						T							T					
392	N-BENZOYLGLYCINE (HIPPURIC ACID)						T					T							
393	4,6,6-TRIMETHYLTETRAHYDRO-2-PYRANONE						T												
394	5-BUTYLDIHYDRO-2-FURANONE						T												
395	TRIETHYLENE GLYCOL, DIMETHYL ETHER						T				T							T	
396	$TERT-BUTYL METHYL PHTHALATE							T											
397	DIMETHYLNAPHTHALENE							P	P										
398	1,5,8-TRIMETHYL TETRALIN							T	T										
399	X2-HYDROXYBIPHENYL							T											
400	3-OCTANONE							P											
401	1-OCTENE								T										
402	1-NONYLENE								T										
403	SEBACIC ACID								T							P			
404	1-TRIDECENE								T										
405	1-TETRADECENE								T							T			

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
406	1-PENTADECENE								T										
407	CETENE								T							P			
408	2-METHYL-2-PROPYLHEXANOIC ACID								T	T									
409	2,6-DIISOPROPYLPHENOL								P										
410	X3,4-DICHLOROANILINE								T										
411	1,3,8-TRIMETHYLNAPHTHALENE								T										
412	1,2,3-TRIMETHYL-4-PROPENYLNTHALENE (T								T				T	T					
413	1,4,6-TRIMETHYL NAPHTHALENE								P					P					
414	BUTYLATED HYDROXY ANISOLE (BHA)								T										
415	1,4,6-TRIMETHYL TETRALIN								T										
416	N-PROPYLSUCCINAMIDE								T										
417	METHYL PALMITOLEATE								T										
418	XISOBUTYRIC ACID									T		T							
419	2-METHOXY-3-METHYL-2-PENTENOIC ACID									T	T							T	T
420	CIS-2,5-DIMETHYLTETRAHYDROFURAN									T									
421	N-METHYLETHOSUXIMIDE									P									
422X**	$2,4-DICHLOROPHENOL									P			P	2.4			0.8		
423	4-TERT-BUTYL-O-PHENYLENE CYC CARBONAT									T									
424	BUTABARBITAL									P									
425	ANISOLE-2-ACETIC ACID									T									
426	BETA,3,4-TRIMETHYLBENZENEPRONOIC ACID									T									
427	2-(PHENYLMETHYL)BENZOIC ACID									T									
428	2,2-DIMETHYLGLUTARIC ACID									T		T							
429	XP-TERT-BUTYL PHENOL									T									
430	1,3-DIMETHOXY-2-PROPANOL									T									
431	1,3-PROPYLENE GLYCOL, BUTYLTHYL DIETH									T									
432	XCHLOROBENZENE									T									
433	3-METHOXY-2-METHYL-2-PENTENOIC ACID										T			T					
434	ALPHA,ALPHA-DICHLOROPHENYLACETIC ACID										T								
435	1-(2-BUTOXY-1-METHYLETHOXY) PROPANOL (										T				T				
436	6-METHYL-TETRAHYDRO-2-PYRANONE										T								
437	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE										T								
438	6-METHYL-3(2H)-BENZOFURANONE										T								
439	~~3,3-DIETHYLPENTANE~~										T	T							
440	1-METHOXY-2-HEXENE										T								
441	DI-N-HEXYL ETHER										T								
442	ACETOACETIC ACID										T								
443	1-METHOXY-2-BUTANOL											T							
444	2,3-DIMETHYL-3-PENTANOL											T							
445	2,6-DIMETHYLPHENOXY CARBONIC ACID											T							
446	2-METHYLCYCLOPENTANOL (GEOMY UNKNOWN)											T							
447	X6-HYDROXYCAPROIC ACID LACTONE											T					P		
448	2-(HYDROXYMETHYL)BENZOIC ACID											T				P			
449	TRIDECYLIC ACID											T	P	P		P			
450	UNDECANEDIOIC ACID												P	P		P	P		

(continued)

TABLE 13. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2N	L2H	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	B2N	B2C	B1M	B1N
451	4-BUTOXYBUTYRIC ACID												T					T	
452	3-HEPTANOL												P				T	T	
453	2,3-DIMETHYLTETRAHYDRO-2-FURANOL												T				T		
454	6-BROMO-2-HEXANONE												T		T		T		
455	%TRIMETHYL NITROSO UREA												T						
456	3,4-DIHYDROXY-6-METHOXY-1-NATHALENONE												T						
457	BUTYLBENZYLPHTHALATE												P						
458	%BENZYL CYANIDE												P	P			P		T
459	PIPERIDINONE												T						
460	1-ETHOXY DECALIN													T		T			
461	4-OXO-NONANOIC ACID													T					
462	VACCENIC ACID													T					
463	NONADECANOIC ACID													P					T
464	BEHENIC ACID													T					
465	1,3,6-TRIOXOCANE													T					
466	2-ETHYL-1,3-HEXANEDIOL													T					
467	2-ETHYL-5-METHYLDIOXANE													T					
468	% PYRIDINE													T					
469	ETHYL PALMITATE													P					
470	4-HEXEN-2-ONE													P					
471	5-METHYL-2-HEXANOL														T				
472	3-HYDROXY-1,2-BENZISOTHIAZOLE														T				
473	2,6-DICHLOROBENZOIC ACID																T		
474	O-PROPIONYL BENZOIC ACID																P		
475	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID																T		
476	3-HYDROXYTETRADECANOIC ACID																T		
477	%ANTHRANILIC ACID																T		
478	2-AMINO-5-CHLOROBENZOIC ACID																	T	
479	4-HYDROXY-4-METHYL-2-PENTANONE																	T	
480	2,2,3-TRIMETHYL-3-CYCLOPENT-1-ACETALD																	T	T
481	2,3-BUTANEDIOL																	T	
482	O-ANISIC ACID																		T
483	3-METHOXYBENZOIC ACID																		P
484	TERPIN																		P
485	DICYCLOHEXYL SEBACATE																	T	T
486	%CINNAMALDEHYDE																		T
487	%N-METHYL-2-PYROLIDONE										T								
488	SEE NO. 484			P														P	P
489	BUTYLBENZOATE																		
490	DIDEHYDROGENATED ABIETIC ACID		P										P	P			P		
491	3-METHYLPENTAN-3-OL	T														T	T	T	
492	P-(1-HYDROXY-1-METHYLETHYL)ATOPHENONE	T		T							T								
493	METHYL MYRISTATE	T											T						
494	1,2-BENZISOTHIAZOLE	P	P						P					P					
495	N-PROPYL-1-HEXANAMINE	P												P					
		T									T								

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
496	~~PHOSPHORIC ACID~~		T																
497	3-PENTEN-2-OL		T																
498	2-METHYLCYCLOPENTANONE		T		T						P					T			T
499	(1-METHYLBUTYL)OXIRANE		T															P	P
500	OCTADECANOL		T																
501	8-NONENE-2-ONE		T											T		T			
502	%CHLOROBROMOMETHANE			T	T										T			T	
503	2,4,6-TRIMETHYLUNDECANOIC ACID			T															
504	10-UNDECENOIC ACID			T												T			
505	3-METHYLCYCLOHEXENE			T															
506	%3-CHLORO-2-METHYL PROPENE			T															
507	1,2-DICHLOROPENTANE			T															
508	1-CHLOROHEPTANE			T															
509	ACETALDEHYDE DIETHYL ACETAL			T															
510	3-PHENYL-3-METHYLHEXANE			T													T		
511	%$M-XYLENE			P			P				P	P				P			
512	4-PHENYLCYCLOHEXENE			T															
513	1,2,3-TRIMETHYL BENZENE			P			P	P	P	P	P			P					
514	%MESITYLENE			P			P	P	P		P								P
515	1-METHYL-2-PROPYL BENZENE			P															
516	4-METHYL INDAN			T			P	P	P	P	P		P	P				P	
517	%1-METHYLNAPHTHALENE			P		P		P	P										
518	%2-ETHYL NAPHTHALENE			P				P	P										
519	%1,4-DIMETHYLNAPHTHALENE			P					P										
520	1,6,7-TRIMETHYLNAPHTHALENE			P					P	T	P								
521	1-ETHYL-2,4-DIMETHYL BENZENE			P					P										
522	1-ETHYL-2,3-DIMETHYL BENZENE			P					P										
523	%$CUMENE			P				P	P										
524	1-METHYL-4-PROPYLBENZENE			P							P								
525	N-BUTYLBENZENE			P					P			T							
526	2-PHENYLPENTANE			P															
527	C5 BENZENE			T															
528	%+$O-DICHLORO BENZENE			P				0.0	2.3							P			
529	DIMETHYL INDAN			P															
530	DIMETHYL ISOPROPYL BENZENE			P															
531	ETHYL TRIMETHYL BENZENE			P															
532	4,7-DIMETHYL INDAN			P					P										
533	DIMETHYL INDAN			P															
534	2,7-DIMETHYL TETRALIN			P															
535	1-PHENYL NONANE			P															
536	%2,6-DIMETHYLNAPHTHALENE			P				P		P			P	P					
537	1,6-DIMETHYLNAPHTHALENE			P			P			P									
538	1-PHENYL UNDECANE			P										T					
539	DIISOPROPYL PHENOL			P		P		P			P			T					
540	TRIMETHYLNAPHTHALENE			P															

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

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	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
541	TRIMETHYLNAPHTHALENE			P		P		P											
542	TRIMETHYLNAPHTHALENE			P		P		P											
543	DIMETHYL BIPHENYL			P												T			
544	(1,1-DIMETHYLPROPYL)BENZENE			P					T										
545	1-ETHYL-3-METHYL BENZENE			P				P	P	T									
546	2-ISOPROPYLNAPHTHALENE			P					T										
547	%RETENE			P		T			T										
548	2-(PHENYLMETHYL) NAPHTHALENE			T															
549	DURENE			T					P	P	P								
550	DIMETHYL ETHYL BENZENE			P				P	P										
551	DIMETHYL ETHYL BENZENE			P					P										
552	%CINEOLE			P					P										
553	%METHYL BENZOATE			P		P												P	
554	8-PICOLINE			P															
555	N,N-DIETHYL FORMAMIDE			T															
556	FENCHONE			P															
557	2-ETHOXYETHYL-2-BUTOXYETHYL ETHER			P	T								P						
558	%TRICHLOROPROPANE			T															
559	%ACETOPHENONE			P															
560	DIHYDRO FARNESOL			P	P		P		P	P	P	P				P			
561	%NICOTINE			T															
562	~~3,4-DIMETHYL HEXANE~~			P		P				P				P					
563	2-METHYL VALERIC ACID				T														
564	ISOPROPYL BENZOATE				T		P					T							
565	3-METHYL-4-PHENYLBUTYRIC ACID				T														
566	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE				T														
567	%TRIETHYL PHOSPHATE				P	P	P	P			P			P		P		P	P
568	%CYCLOHEXANONE				P														
569	VINYL ACETATE				T											P		P	
570	MENTHONE				T														
571	COTININE				T											P		P	P
572	ANISIC ACID				T														
573	%GLUTARIC ACID					P								T					
574	AMINOPHTHALAZINE					T									P	P	P		
575	3-METHYLGLUTARIC ACID					T													
576	%DALAPON					T													
577	~~EICOSANE~~					T													
578	~~2-METHYLTRIACONTANE~~					T													
579	1,1,3-TRIMETHYL-3-PHENYL INDAN					T													P
580	TRICOSANE					T					T								
581	~~TETRACOSANE~~					T													
582	~~PENTACOSANE~~					T													
583	TETRAHYDROLINALOOL					T													
584	METHYL HEPTADECANOATE (MEL MARGARAT					T	T												
585	5,5-DIMETHYL-2-FURANONE					P													
						T	T										T	T	

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.8)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L24	L2N	L2D	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
586	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE					T	T												
587	1-INDANONE					P					P								
588	ISONONYL PHENOL (ISOMER UNKNOWN)					I													
589	P-(1-METHYLOCTYL)PHENOL (ANYL PHENOL					T													
590	TRIETHYLENE GLYCOL METHYL ETHER					T													
591	%+*2,4-DIMETHYLPHENOL (XYLENOL)						2.1											6.9	1.8
592	2-HEXENOIC ACID						T												
593	DIETHYL KETONE						T												
594	METHYL ISOPENTYL KETONE						T												
595	1-(1-CYCLOHEXEN-1-YL)-2-PROPANONE						T												
596	2-BUTYL-3-METHYLOXIRANE						T				T								
597	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE						T												
598	5-ETHYLDIHYDRO-2(3H)-FURANONE						T			T						T		T	T
599	6-METHYL-3-ISOPROPYL-2-CYCLOXEN-1-ONE						T												
600	5-PHENYL-2-PENTANONE						T												
601	OCTYL PHENOL						T												
602	5-(PENTYLOXY)-2-PENTENE						T												
603	.ALPHA.-HYDROXY-.ALPHA.-MET BENZENE A						P												
604	1-PHENYL-2-BUTANONE						T												
605	2-BUTYLOCTANOL						T												
606	5-METHYL-1(3H)-ISOBENZOFURANONE						T												
607	ISOVALERAMIDE						T						T						
608	HEXAHYDRO-2H-AZEPINE-2-ONE						T												T
609	P-CHLORO-2-NITROANILINE						T												
610	ETHYLPHENOXYBENZENE						T												
611	%MALONIC ACID							T											
612	4-METHYLPHENYLPENTANOIC ACID							T											
613	$ISOBUTYL METHYL PHTHALATE							T											
614	$SEC-BUTYL METHYL PHTHALATE							T											
615	2-ETHYL-1,4-DIMETHYL BENZENE							T											
616	%+$M-DICHLOROBENZENE							P	P										
617	METHYL METHOXYMETHYL FORMAL							0.1			P								
618	%2,6-LUTIDINE							T											
619	%M-CHLOROANILINE							P		T			P	T					
620	%$2,3,4,6-TETRACHLOROPHENOL							P	P										
621	%$2,4,5-TRICHLOROPHENOL								P										
622	META-TERT-BUTYLPHENOL								P										
623	ETHYLENE GLYCOL, MONOMETHYL ETHER								T							T	T		
624	~~DIOXOLO[4,5-F]-OCTANE~~								T										
625	1,5-DIMETHOXYPENTANE								T										
626	~~DIOXOLO-DECANE~~								T										
627	1-HEPTADECENE								T										
628	1-OCTADECENE								T										
629	1,3-BUTYLENE GLYCOL								T							P			
630	PENTAMETHYLENE GLYCOL, MONOMHYL ETHER								T										

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		V1C	X1C	L2P	L2Y	L2N	L2D	C3C	C1P	C1N	D1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
631	METHYL-N-PROPYLBENZENE								P										
632	METHYL-N-PROPYLBENZENE								P										
633	2,7-DIMETHYLNAPHTHALENE								P										
634	1,2,6-TRIMETHYLNAPHTHALENE (3,4,5-TR								T										
635	DIMETHYLNAPHTHALENE								T		T								
636	1,3-DIMETHYNAPHTHALENE								P										
637	OCTENAL (ISOMER UNKNOWN)								P		P			P					
638	O-CYCLOHEXYLPHENOL								T										
639	XBORNYL ACETATE								T										
640	X2,6-DIMETHYLQUINOLINE								P										
641	SEC-BUTYLISOPROPYL ETHER								P					T					
642	2,6-DIMETHYLHEPTANOIC ACID									T									
643	2-METHOXY-3-METHYLCROTONIC ACID									T		T		T			T		
644	3,6-DIMETHYLOCTANOIC ACID (ISODECANOI									T	T								
645	LEVULINIC ACID									T									T
646	X2,2,2-TRICHLOROETHANOL									P	P						T		
647	9-DODECENOIC ACID									P									P
648	2,3,3-TRIMETHYL-3H-INDOLE									T								P	
649	$O-CHLOROPHENOL									T									
650	XTETRAMETHYLUREA, TMU									T									
651	2,2,5,5-TETRAMETHYL THF									P	P								
652	4-KETOISOHEPTANOIC ACID										T								
653	ALPHA-METHYL-ALPHA-ACETYLOXNZENEACETI										T								
654	2,5,8-TRIMETHYL-1-NAPHTHOL										T								T
655	2,5-DIMETHYL STYRENE										T								
656	1-(3-BUTOXYPROPOXY)-2-PROPA (A DIPROP										P								
657	ALPHA-PICOLINE										T								
658	X2-ACETYLFURAN										T								
659	3-METHYL PHTHALIDE										T	T							
660	7-METHYL-3(2H)-BENZOFURANONE										T								
661	BUTYL M-TOLYL SULFIDE										T	T							
662	TETRAHYDROPYRAN-2-METHANOL										T								
663	~~3-ETHYL-4-METHYLHEXANE~~										T								
664	~~2,7-DIMETHYLOCTANE~~										T								
665	2,2-DICHLORO-3-METHYLBUTANE										T								
666	1,6-HEXANEDIOL										T								
667	2-NORBORNENE-7-OL										T								
668	2-HEXENAL										T								
669	2,6-DIMETHYL-2-HEPTEN-4-ONE										T								
670	2,2-DIMETHYL-3-PENTANOL										T								
671	4-METHYL-3-CYCLOHEXENE-1-CAXYLIC ACID											T							
672	2-ETHYL-2-METHYLBUTYRIC ACID											T							T
673	4-METHYL-2-PHENYLQUINOLINE											T							
674	1-(PHENYLMETHYL)ISOQUINOLINE											T							
675	1,2,4-TRIMETHYL-1,3-DIAZOCYCHEX-1-ENE											T							
												T							

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2N	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
676	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE											T							
677	DIETHYLENEGLYCOL, CYCLOHEXYL ETHER											T							
678	%DI-N-PROPYL PHTHALATE											P							
679	7-NONENOIC ACID												T			T			
680	ISOINDOLE-1,3-DIONE												T						
681	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID												T						
682	TRICOSANOIC ACID												P	P					
683	NONACHLOR												T	T					
684	1-METHYLBUTYLALCOHOL												T						
685	%N-OCTANOL												P	P					
686	%2-PHENYLISOPROPANOL												P	P					
687	%1,2-DIHYDRO-3,6-PYRIDAZINEDIONE												T						
688	5,6,7,7A-TETRAHYDRO-4,4,7A-METHYL-2(4												T						
689	3-ETHOXY-1(3H)-ISOBENZOFURANONE												T						
690	2-ISOPROPYLTHIOPHENE												T						
691	3-(2-HYDROXYPROPYL)-5-METHY-OXAZALIDI												T	T					
692	3-METHYLOCTAHYDROPENTALENE-ARBOXYLIC													T					
693	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE													T					
694	2,2-DIMETHYL-3-(2-METHYL-1-PENYL)CYCL													T					
695	4-ISOPROPOXYBUTYRIC ACID													T					
696	ISOSTEARIC ACID													T					
697	ISOEICOSANOIC ACID													T					
698	VERATRALDEHYDE													T					
699	HENEICOSANIC ACID													T					
700	PENTACOSANOIC ACID													P					
701	HEXACOSANOIC ACID													P					
702	1,2,4,5,6,7,8,8-OCTACHLORO-,3A,4,7,7A													P					
703	NEOPENTYL ALCOHOL													T					
704	4-METHOXY-5-METHYL-4-CYCLOPEN-1,3-DIO													T					
705	N-(2-METHYLPHENYL)FORMAMIDE													T					
706	3-METHYLPENTANAL													T					
707	%LAURYL ALCOHOL													T					
708	PENTYL BENZOATE													T		P			
709	TETRAPROPYLENE GLYCOL													T					
710	TETRAPROPYLENE GLYCOL													T					
711	TETRAPROPYLENE GLYCOL													T					
712	%CHLOROACETONE													T					
713	1,4-BENZOTHIAZIN-3-ONE													T					
714	5-METHYL-1-HEXANOL														T	T			
715	HEXAHYDROBENZOIC ACID														T				
716	DODECANEDIOIC ACID															P			P
717	%ETHYLENE GLYCOL MONOETHYL ER; (OXITOL															P			
718	3-HYDROXYNONANOIC ACID																T		
719	P-BROMOBENZOIC ACID																T		
720	2,4-DIBROMOBENZOIC ACID																T		

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
721	2,4,6-TRIBROMOPHENOL,																T		
722	4-PHENYL-4-OXO-BUTYRIC ACID																T		
723	4(2,5-XYLYL)BUTYRIC ACID																T		
724	2,5-DI(CHLOROMETHYL)-3-ETHYLBENZOIC ACI																T		
725	N-ETHYL-4-METHYL-2-PENTANEAMINE																T		
726	O-CRESYL ACETATE																T		
727	5-HEXEN-2-OL																T		
728	DIHYDRO-5-METHYL-2(3H)-FURANONE												A				T		
729	2,2-DIETHYLPROPYLENE GLYCOL																	T	
730	4-ETHYLPHENOL																	T	
731	ALPHA-OXOBENZENEACETIC ACIDTHYL ESTER																	T	
732	3-DICHLOPOMETHYL-4,6-DI-T-BL-O-BENZOQ																	T	
733	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE																	T	
734	CYCLOPENTANE CARBOXYLIC ACIVINYL ESTE																	T	
735	2,2-DICHLOROBUTYRIC ACID																	T	
736	2,3,3-TRICHLORO-2-PROPENOIC ACID																		T
737	2-METHOXY-2-HEXENOIC ACID																		T
738	2-HEPTENOL																		T
739	1-(2-METHOXY-1-METHYLETHOXY-PROPANOL																		T
740	ABIETIC ACID	T												P				P	
741	2,4,6-TRICHLOROANILINE	P															T		
742	METHYL PENTADECANOATE	P		P				P		P				P			P		
743	AMYLENE DICHLORIDE		T																
744	%+ACENAPHTHALENE		P				P		P					T		P		P	P
745	DIETHYL CARBINOL		T																
746	2-METHYLFURAN		T																
747	1-(2-PROPENYLOXY)HEPTANE		T																
748	3-METHYL-4-(2,5-XYLYL) BUTANOIC ACID			T															
749	%CARVACROL			T															
750	%O-XYLENE			P								P							
751	TETRALIN			P															
752	1-METHYL-7-ISOPROPYL NAPHTHALENE			T		T					T								
753	%+9H-FLUORENE			P		P		P					P	T				P	
754	1,2,3,4-TETRAMETHYL BENZENE			P															
755	2-METHYL BIPHENYL			T										T					
756	METHYLISOBUTYL BENZENE			P															
757	C5 BENZENE			T															
758	C6-BENZENE			T															
759	C5 BENZENE			T															
760	ETHYL TRIMETHYL BENZENE			P															
761	DIETHYL TOLUENE			P															
762	DIMETHYL ISOPROPYL BENZENE			P															
763	DIMETHYL ISOPROPYL BENZENE			P															
764	DIMETHYL INDAN			P															
765	5-METHYL TETRALIN			P					T										

(continued)

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TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)															
		V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
766	2-PHENYL UNDECANE			P															
767	C3 NAPHTHALENE			T		T		T								T			
768	TRIMETHYLNAPHTHALENE			P		P		P											
769	P-ETHYL TOLUENE			P					P										
770	2,6-DIMETHYLSTYRENE			P															
771	INDAN			P															
772	1,3-DIETHYL BENZENE			P			T							T					
773	2-PHENYLHEXANE			T															
774	1,2,3,4-TETRAHYDRO-4,9-DIMEL ACRIDINE			T															
775	X*+CHRYSENE			5.1															
776	(2,2-DIMETHYLBUTYL) BENZENE			T															
777	1,4-DIETHYL-2,3,5,6-TETRAMETL BENZENE			T															
778	1-BUTYLNAPHTHALENE			T		T													
779	1,5,7-TRIMETHYL INDAN			T															
780	1,1,4,7,7,8-HEXAMETHYL-S-HYDRINDACENE			T															
781	BENZOFLUORANTHENE			T															
782	DIPHENYLMETHANE			T															
783	SEC-BUTYL BENZENE			P					P										
784	X2,3-DIMETHYLNAPHTHALENE			P						P									
785	TRIMETHYLNAPHTHALENE			T				P						T					
786	C3 NAPHTHALENE			T															
787	2-METHYL FLUORENE			P															
788	X2-METHYL ANTHRACENE			P															
789	1-TERT-BUTYLNAPHTHALENE			T		T													
790	XMENTHOL			T															
791	XN-BUTYLETHER			T															
792	3,3,5-TRIMETHYCYCLOHEXANONE			T															
793	XTHUJYL ALCOHOL			T															
794	TERPENYL ACETATE			T															
795	DIACETYLBENEZENE			T															
796	HEX-3-ENE-2,5-DIOL			T															
797	4,4'-DIMETHOXYSTILBENE			P															
798	O-TERT-BUTYLPHENOL			P															
799	METHYL ANTEISOHEPTADECANOATE				T														
800	2-METHYL-1-PENTEN-3-OL				T						T								
801	METHOXYNAPHTHALENE				T														
802	+2-METHYL STYRENE				0.0	0.6	0.1	0.1	0.6	0.6	0.3	0.1	0.1	0.1					
803	TETRAPROPYLENE GLYCOL METHYL ETHER				T														
804	M-METHOXYPHENYL ACETATE				T														
805	3,3,4-TRIMETHYLDECANE				T														
806	N-TRIETHYLENE GLYCOL, MONOETHYL ETHER				P		T												P
807	N-METHYL SACCHARIN					P													
808	2-KETO-3-METHYL VALERIC ACID					T													
809	TRANS-3-HEPTENOIC ACID					T													
810	PENTACHLOROPYRIDINE					P					P	P							

(continued)

TABLE 13. (continued)

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COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L24	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
811	~~PENTADECANE~~					T													
812	~~HEPTADECANE~~					T													
813	~~NONADECANE~~					T													
814	1-ISOBUTYLNAPHTHALENE					T													
815	1,1,2-TRIMETHYL-3-PHENYL INDAN					T													
816	~~OCTADECANE~~					T													
817	1,2,3-TRIMETHYL-1-PHENYL IN (STERIOIS					T													
818	1,2,3-TRIMETHYL-1-PHENYL IN (STEREOIS					T													
819	~~HEXACOSANE~~					T													
820	~~HEPTACOSANE~~					T													
821X**	$HEXACHLOROBENZENE					T													
822	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE					0.1					3.4	1.6	0.6	0.6				0.7	
823	~~1-UNDECYNE~~					T													
824	~~5-UNDECYNE~~					T													
825	%M-ACETOTOLUIDE					T													
826	NONYL PHENOL ISOMER					T													
827	%GLYCIDYL PHENYL ETHER					P													
828	4,7-DIMETHYLBENZOFURAN					P													
829	(1,2-DICHLOROETHYL)BENZENE						T				T								
830	2-CYCLOHEXENOL						P				P						P		
831	%CLOFIBRATE						T				T	T						P	
832	%ETHYLENE GLYCOL						P												
833	1,3,5-TRICHLORO-2-METHOXYBENZENE							T											
834X**	$P-DICHLOROBENZENE							T					P						
835	METHYL 4-BUTOXYBUTYRATE							0.0			0.6		0.2	0.2					
836	*TRI-M-CRESYLPHOSPHATE							T											
837	3-METHYL ADIPIC ACID							0.8											
838	CYMENE (ISOMER UNKNOWN)								T										
839	CYMENE (ISOMER UNKNOWN)								P										
840X**	$1,2,4-TRICHLOROBENZENE								P										
841	1,2,4-TRIMETHYL ETHYL BENZENE								0.7		0.1		0.1	0.1					
842	2,4,5-TRIMETHYLETHYL BENZENE								T										
843	DIETHYL TOLUENE								T										
844	2,4,6-COLLIDINE								T										
845	BENZONITRILE									P			P	T					
846	2-AMINO-5-PICOLINE									P									
847	TRANS-2-ETHYL-3-PROPYLOXIRANE									T									
848	P-METHYLANISOLE										T								
849	2,3,4-TRIMETHYLOXETANE										T								
850	2,5-DIMETHYL THF										T								
851	4-BROMO-3-PHENYLSYDNONE										T								
852	3,8-DIMETHYL-5-ISOPROPYL-1,APHTHOQUIN										T								
853	CHLORDIODOMETHANE										T								
854	1-METHYL-4-(1-METHYLETHENYLYCLOHEXENE										T								
855	1-(2-BROMOETHYL)-4-CHLOROBENZENE										T								
																T			

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)																
		V1C	X1C	L2P	L2+	L2N	L2D	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
856	3,4,5,6-TETRAMETHYLPHENANTHRENE										T			T					
857	2,4,5,7-TETRAMETHYLPHENANTHRENE										T								
858	(2-BROMOCYCLOPROPYL)BENZENE										T								
859	OCTAHYDROAZOCINE										T								
860	PIPERITONE										T								
861	COUMARONE										T								
862	P-TOLYL ACRYLIC ACID										T								
863	N-HEXYLBUTANAMIDE										T								
864	4H-PYRAN-4-ONE										T								
865	5-DECANONE										T								
866	3,3-DIMETHYL-2-HEXANONE										T								
867	4-METHYLHEXANAL										T								
868	~~XDIMETHYL SULFATE~~										T								
869	XGUAIACOL											T						T	
870	1-VALERYLPYRROLIDINE											T							
871	1-ETHYL-2,5-PYRROLIDINEDIONE											T							
872	METHYL CAPROATE											T							
873	1-ACETYLPIPERIDINE											T							
874	CONIINE											T							
875	HEPTYL ACETATE											T							
876	ETHYL BUTYL KETONE											T							
877	DIPROPYL CARBINOL											T		P					
878	HEPTYL ALCOHOL											T							
879	TRANS-2-METHYLCYCLOPENTANOL											T						T	
880	~~PHOSPHORIC ACID~~											P							
881	XPHENYL ETHER												T						
882	2,4,5-TRICHLOROANILINE												P	P					
883	1,5-DIPHENYL-3-PENTANONE												P						
884	4-PHENYLBICYCLOHEXYL												T						
885	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE												T	T					
886	2,3-LUTIDENE												T	T					
887	XN,4-DIMETHYLBENZENESULFONAMIDE												T	T					
888	4-METHYLPHTHALIC ACID												P						
889	4,6-DIMETHYLNONANOIC ACID													T					
890	XO-CHLORONITROBENZENE													T					
891	DIMETHYLFLUORENE													P					
892	4-METHYLPHENANTHRENE													T					
893	1,2,3,4-TETRACHLOROBUTANE													T					
894	X3-METHYLPHENANTHRENE													T					
895	XN-AMYL ALCOHOL													T					
896	XMETHYLAL													P					
897	4-PENTEN-2-OL													T					P
898	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE													T					
899	5-DODECANONE													T					
900	XQUINOLINE													T					
														P				P	

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	O2N	R1C	R2C	E1C	O2N	B2C	B1M	B1N
901	TETRAPROPYLENE GLYCOL													T					
902	N-ETHYL-2-BENZOTHIAZOLAMINE													T					
903	N,N-DIMETHYLBENZYLAMINE													P					
904	DIMETHYLCYCLOHEXANE DIONE													T				T	
905	2,2,4-TRIMETHYL-1,3-PENTANEDIOL													T					
906	METHYL LAURATE													T					
907	ETHYL MYRISTATE													P					
908	6-METHOXY-2-HEXANONE														T				
909	6-METHYL-2-HEPTANONE														T				
910	1,2-DIAZABICYCLO(2.2.2.)OCTAN-3-ONE														T				
911	2-METHOXY-10-UNDECENOIC ACID															T			
912	9,6,7,7A-TETRAHYDRO-4,4,7A-METHYL-2(4															T			
913	1-PROPOXY-2-PROPANOL															T			
914	2-ETHYLHEPTANOIC ACID																T		
915	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE																T		
916	X3,5-DICHLOROPHENOL																T		
917	BROMOCHLOROBENZOIC ACID																T		
918	16-HYDROXY PALMITIC ACID																T		
919	OCTAHYDRO-1,4A-DIMETHYL-1-PANTHRENE C																T		
920	4,6-DIMETHYL OCTANOIC ACID																T		
921	5-METHYL-2-HEPTANONE																T		
922	2-METHYLENEBUTYRIC ACID																T	T	
923	P-AMINOBENZENE-T-BUTYRIC ACID																	T	
924	5-ETHENYL TETRAHYDRO-.ALPHAALPHA.,5-T																	T	
925	6-METHYL-3,5-HEPTADIEN-2-ONE																	T	T
926	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL																	T	
927	2-METHYL-2-HEPTEN-4-ONE																	T	T
928	3,4-DIMETHYL-2,5-FURANDIONE																	T	
929	XETHYL CARBONATE																	T	
930	4,4-DICHLOROBUTENOIC ACID																	T	
931	BARBITAL																		T
932	2-BROMO-1,2-DICHLOROPROPANE																		T
933	METHYL DICHLOROACETATE																		T
934	3-OCTEN-2-ONE																		T
935	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE																		T
936	5,5-DIMETHYLFURANONE																		T
937	5-HEPTEN-2-ONE																		T
938	N-METHYL-2-PIPERIDINONE																		T
939	3,4-DIMETHYL-3-PENTEN-2-ONE																		T
940	METHYL-9,11-OCTADECADIENOATE	P																	T
941	N-BENZOYL-L-ALANINE, METHYL ESTER	T																	
942	9,12-OCTADECADIENOIC ACID	T																	
943	1-HEXANOL	P			T														
944	1,1,2,3-TETRACHLOROPROPANE		P													T			
945	6-PHENYL-2-HEXANONE		T														T		

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2H	L2N	L2O	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
946	3-PENTEN-2-ONE		T																
947	3-METHYL-2-BUTEN-1-OL		T																
948	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL		T																
949	TETRAMETHYL BIPHENYL			T				T											
950	HEXAMETHYL BIPHENYL			T															
951	%N-PROPYL BENZENE			P															
952	4,6,7-TRIMETHYLINDAN			T															
953	1,4-DIMETHYL-2-ISOBUTYL BENZENE			T															
954	PHENYLCYCLOHEXANE			T															
955	1-ETHYLNAPHTHALENE			P															
956	1,3,5-TRI-TERT-BUTYL BENZENE			T				T											
957	1,1,4,5,5,8-HEXAMETHYL-5-HYDRINDALENE			T															
958	NEOPENTYL BENZENE			T															
959	(1,2,2-TRIMETHYLPROPYL) BENZENE			T															
960	1-METHYL-2-(1-ETHYLPROPYL) BENZENE			T															
961	(2-ETHYLBUTYL) BENZENE			T															
962	9-ETHYL PHENANTHRENE			T										T					
963	1,6-DIMETHYL INDAN			T															
964	1,2-DIMETHYL INDAN			T															
965	1,4,7-TRIMETHYL INDAN			T															
966	1,2,4-TRIMETHYL PHENANTHRENE			T															
967	2,9,10-TRIMETHYL ANTHRACENE			T															
968	OCTYL BENZENE			T															
969	1,1,3-TRIMETHYL INDAN			T															
970	%9-METHYL ANTHRACENE			P															
971	ISOBUTYL BENZENE			P															
972	META-CYMENE (M-ISOPROPYL TOLUENE)			P						T									
973	DIMETHYL ETHYL BENZENE			P															
974	1,8-DIMETHYL TETRALIN			P															
975	1,2-DIMETHYL NAPHTHALENE			P															
976	METHYL ACENAPHTHENE (ISOMER UNKNOWN)			T															
977	%DI-N-BUTYLNITROSAMINE			T															
978	3,3,3-TRICHLOROPROPENE				T														
979	TERT-BUTYLBENZENE				T					T									
980	4,6-DIMETHYL PYRIMIDINE				T														
981	2,3-DIMETHYL PYRAZINE				P														
982	PYRAZOLE				T														
983	N-PROPYLNAPHTHALENE					P		P											
984	TRIMETHYLNAPHTHALENE					P		P											
985	METHYL NONADECANOATE					P											T		
986	~~TRIDECANE~~					T		T											
987	~~%TETRADECANE~~					T													
988	%CINNAMYL ALCOHOL					T													
989	2-T-BUTYL NAPHTHALENE					T													
990	2-METHYL-1-PROPYLNAPHTHALENE					T													

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)																
		V1C	X1C	L2P	L24	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
991	NONYL PHENOL ISOMER					P													
992	%INDENE					T													
993	CHLOROVINYLBENZENE						P				T								
994	GAMMA METHYLBENZENEBUTANDICID, METHYL						T												
995	2-METHYLBENZAMIDE						T												
996	%*M-NITROANILINE						0.5												
997	4-TERT-BUTYL-2-METHYLPHENOL						P												
998	1-METHYL-3-PROPYL BENZENE							P											
999	3-METHYL-3-HEXANOL							T											
1000	1-ALLYLBENZENE							T											
1001	DIETHYLMETHYLVINYLSILANE							T											
1002	%M-CHLORONITROBENZENE							T											
1003	2-PHENYL-1,4-CYCLOHEXADIENE							T											
1004	1,4-DIMETHYL-5-OCTYLNAPHTHALENE							T											
1005	1-ALLYLNAPHTHALENE							T		T									
1006	3,4'-DIMETHYL-1,1'-BIPHENYL							P			T								
1007	ETHYLBENZYL BENZENE (ISOMERUNKNOWN)							T											
1008	~~PENTATRIACONTANE~~							T											
1009	~~DI-P-TOLYLMETHANE~~							T											
1010	DIMETHYLDIPHENYLMETHANE							P											
1011	AMYL BENZENE							P											
1012	5-METHYL INDAN								T										
1013	1-METHYL TETRALIN								T		T								
1014	%*TRIPHENYL PHOSPHATE								T	T									
1015	PARA-METHOXYSTILBENE								1.3				3.4	3.4					
1016	1,2,4-TRITERTIARY BENZENE								T										
1017	*P-CHLOROACETOPHENONE									T									
1018	3-METHYL-2-HEXANOL									7.5									
1019	P-ETHYL-ISOPROPYLBENZENE										T								
1020	2,6-DI-TERT-BUTYL TETRALIN										T								
1021	1,1,3-TRICHLORO-1-PROPENE										T								
1022	1-BROMO-2-CHLOROCYCLOPENTANE										T								
1023	7-ETHYLQUINOLINE										T								
1024	BETA,BETA-DIMETHYL HISTAMINE										T								
1025	3-CYCLOHEXYL-4-PENTEN-2-ONE										T								
1026	~~HEPTANE~~										T								
1027	DIISOBUTYL KETONE										T								
1028	5-METHYL-5-PHENYL-2-HEXANONE										T								
1029	4-DECANONE										T								
1030	6-METHYL-2-PHENYLQUINOLINE										T								
1031	HEXAMETHYLENE ACETAMIDE											T							
1032	4-METHYL-3-HEXANOL											T							
1033	HEXYL BUTYRATE											T							
1034	%*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID											T							
1035	*TRICHLOROBIPHENYL												0.6	0.5					
													0.3						

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L) V1C	X1C	L2P	L2Y	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1M
1036	2,3,6-TRIMETHYLHEPTANE													T					
1037	X*$LINDANE																		
1038	X*O-CHLOROTOLUENE												0.2	0.2					
1039	X*+$HEPTACHLOR												0.2	0.2	0.2				
1040	*$TETRACHLOROBIPHENYL												0.5	0.5					
1041	*+$PENTACHLOROBIPHENYL + OTHER PCBS												0.1	0.1					
1042	*$HEXACHLOROBIPHENYL												0.2	0.2					
1043	X+$DDE												0.1	0.1					
1044	X*+$DDT												0.1	0.1					
1045	DIBENZOTHIOPHENE												0.2	0.2					
1046	4-METHYLDIBENZOTHIOPHENE													T					
1047	%ETHYLENE TETRACHLORIDE													T					
1048	B-ETHYLSTYRENE													T					
1049	1,1,2,3,3-PENTACHLOROPROPANE													T					
1050	1,6-DICHLORO-1,5-CYCLOOCTADIENE													P					
1051	2-ETHYL-1,1-BIPHENYL													T					
1052	1-METHYLFLUORENE													T					
1053	METHYLBENZACRIDINE													P					
1054	3-HYDROXY-3-METHYL-2-BUTANONE													T					
1055	%2,4-LUTIDINE													T					
1056	2,5-LUTIDINE													T					
1057	2,4,5-COLLIDINE													T					
1058	4-ETHYL-2,6-DIMETHYL PYRIDINE													T					
1059	2,3,5-COLLIDINE													T					
1060	3-ETHYL-5-METHYLPYRIDINE													T					
1061	2,3,6-TRIMETHYLPYRIDINE													T					
1062	N,N-DIETHYLANILINE													T					
1063	3-DODECANONE													T					
1064	4-ACETYLMORPHOLINE													T					
1065	%QUINALDINE													T					T
1066	2,3,4-TRIMETHYLQUINOLINE													T					
1067	TRIMETHYLQUINONE													T					
1068	HEXANEDIOIC ACID, DIHEXYL ESTER													T					
1069	%*P-NITRO PHENOL													T					
1070	3-CHLORO-2-BUTANOL														0.1				
1071	7-OXO-OCTANOIC ACID														T				
1072	3-METHYLPIPERIDINE-2,8-DIONE															T			
1073	5-PROPYLDIHYDRO-2-FURANONE															T			
1074	3A,7A-DIMETHYL OCTAHYDRO-4-BENZOFURAN															T			
1075	~~UNDECANE~~															T			
1076	3-METHYL-3-OCTANOL															T			
1077	BROMODICHLOROANILINE																T		
1078	HEPTYLPROPIONATE																T		
1079	ACETAMIDE																	T	
1080	%CHLOROACETIC ACID																	T	

(continued)

TABLE 13. (continued)

COMBINED CONCENTRATE REPORT (PART I.B)

	COMMON NAME	ID MODE OR CONC.(NG/L)														
		V1C	X1C	L2P	L2N	L2N	L2D	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1N	B1N
1081	4-CHLOROCROTONIC ACID																		T
1082	*2,4-DICHLORONAPHTHALENE																		8.9
1083	SEC-ISOAMYL ALCOHOL																		T
1084	5-(ACETYLOXY)-2-PENTANONE																		T
1085	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE																		T
1086	DIETHYLENE GLYCOL, MONOMETHYL ETHER																		T
1087	N-BUTYLAMINE																		P
1088	2,4-DIISOPROPYLPHENOL																		T
1089	METHYLOCTADEC-10-ENOATE	T																	T
1090	METHYL ISOPALMITATE	P																	
1091	Σ+$DIHEXYL PHTHALATE	T																	
1092	3-BROMOPENTANE						T												
1093	PHENYLPROPYL ETHER						T												
1094	BENZOTHIOPHENE						T												
1095	PHENALENE						T												
1096	4-ETHYLSTYRENE						P												
1097	3,3-DIMETHYL-2(3H)-FURANONE						T												
1098	FLUORODIODOBENZENE (ISOMER UNKNOWN)													T					
1099	3-METHYL-2-FURANONE															T			
1100	1,4,5-TRIMETHYL NAPHTHALENE															T			
1101	3-METHOXY-3-METHYL-2-BUTANONE															T			
1102	DIBROMOPHENOL	T																	
1103	1H-IMIDAZOLE-2-CARBOXALDEHYDE	T																	
1104	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL	T																	
1105	1,2-CYCLOHEXANEDIOL	P																	
1106	METHYL HEPTADECANOATE	T																	
1107	BUTYL THIAZOLE																		

TABLE 14. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN AWT CONCENTRATES SHOWING MOLECULAR WEIGHT AND FORMULA

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1	2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID †	882097	C10. H11. O3 .CL1	214
2	DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	122623	C26. H50. O4	426
3	X+$1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	84742	C16. H22. O4	278
4	2-(2-BUTOXYETHOXY)ETHANOL	112345	C8 . H18. O3	162
5	2-(4-METHOXYBUTOXY)-1-(2-BUTOXYETHOXY)ETHANE	1002	C13. H28. O4	248
6	2-(2-METHOXYBUTOXY)-1-(2-BUTOXYETHOXY)ETHANE	1003	C13. H28. O4	232
7	X+N-PHENYLBENZENAMINE	122394	C12. H11. N1	169
8	X+$BIS(2-ETHYLHEXYL) PHTHALATE	117840	C24. H38. O4	390
9	2-ETHYLHEXANOIC ACID	149575	C8 . H16. O2	144
10	%BENZOIC ACID	65850	C7 . H6 . O2	122
11	1-(2-BUTOXYETHOXY)ETHANOL	54446785	C8 . H18. O3	162
12	2,4-DIMETHYL BENZOIC ACID	611018	C9 . H10. O2	150
13	%TRIS-B-CHLOROETHYL PHOSPHATE	115968	C6 . H12. O4 .CL3 . P1	284
14	PHENOXY ACETIC ACID	122598	C8 . H8 . O3	152
15	3-METHYLBENZOIC ACID	99047	C8 . H8 . O2	136
16	ALPHA-METHYLBENZENEACETIC ACID	492375	C9 . H10. O2	150
17	CIS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	41654095	C7 . H10. O4	158
18	METHOXYPROPOXY PROPOXY PROPANOL	400	C10. H22. O4	206
19	METHOXYPROPOXY PROPOXY PROPANOL	402	C10. H22. O4	206
20	METHOXYPROPOXY PROPOXY PROPANOL	403	C10. H22. O4	206
21	METHOXYPROPOXY PROPOXY PROPANOL	401	C10. H22. O4	206
22	%1-BUTANOL	71363	C4 . H10. O1	74
23	2-[2-(2-BUTOXYETHOXY)ETHOXY]-ETHANOL	143226	C10. H22. O4	206
24	DIOCTYLESTER HEXANEDIOIC ACID	123795	C22. H42. O4	370
25	%HEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	103231	C22. H42. O4	370
26	X$1,1,2,2-TETRACHLOROETHANE	79345	C2 . H2 .CL4	166
27	%1,2-BENZENEDICARBOXYLIC ACID, MONOBUTYL ESTER	131704	C12. H14. O4	222
28	%HEXADECANOIC ACID	57103	C16. H32. O2	256
29	%OCTADECANOIC ACID	57114	C18. H36. O2	284
30	2-METHYL BENZOIC ACID	118901	C8 . H8 . O2	136
31	4-PHENYLPENTANOIC ACID	16433435	C11. H14. O2	178
32	3,3-DIMETHYL BUTANOIC ACID	1070833	C6 . H12. O2	116
33	%OCTANOIC ACID	124072	C8 . H16. O2	144
34	2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYLPHENOL	128370	C15. H24. O1	220
35	2,6-BIS(1,1-DIMETHYLETHYL)-PHENOL	128392	C14. H22. O1	206
36	%BENZENE ACETIC ACID	103822	C8 . H8 . O2	136
37	3,5-DIMETHYL BENZOIC ACID	499069	C9 . H10. O2	150
38	3-PHENYL PENTANOIC ACID	5669170	C11. H14. O2	178
39	%3-ETHYL-4-METHYL-2,5-PYRROLIDINEDIONE	77678	C7 . H11. N1 . O2	141
40	BUTOXYETHOXY ETHANOL	431	C8 . H18. O3	162
41	$1,2-BENZENEDICARBOXYLIC ACID, 2-BUTOXYETHYLBUTYL ESTER	33374286	C18. H26. O5	322
42	2,5-DIMETHYLBENZOIC ACID	610720	C9 . H10. O2	150
43	4-METHYLBENZOIC ACID	99945	C8 . H8 . O2	136
44	%4 CHLOROBENZOIC ACID	74113	C7 . H5 . O2 .CL1	156
45	%1,2-BENZISOTHIAZOL-3(2H)-ONE-1,1-DIOXIDE	81072	C7 . H5 . N1 . O3 . S1	183

† THIS ENTRY APPEARS OUT OF ORDER. IT SHOULD APPEAR BETWEEN NO. 6 AND NO. 18.

(continued

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
46	4-METHYLHEXANOIC ACID	1561111	C7 . H14. O2	130
47	6-NONENOIC ACID	31502235	C9 . H16. O2	156
48	O-ETHYLBENZOIC ACID	28134318	C9 . H10. O2	150
49	BETA,BETA-DIMETHYLBENZENEPROPIONIC ACID	1010486	C11. H14. O2	178
50	CIS-2,3-DIMETHYLBUTENEDIOIC ACID	488211	C6 . H8 . O4	144
51	BENZENEBUTANOIC ACID	1821121	C10. H12. O2	164
52	%.ALPHA.-HYDROXY-BENZENE ACETIC ACID	90642	C8 . H8 . O3	152
53	2-CHLOROBENZOIC ACID	118912	C7 . H5 . O2 .CL1	156
54	3,4-DICHLOROBENZOIC ACID	51445	C7 . H4 . O2 .CL2	190
55	2-BENZYLACRYLIC ACID	2495394	C10. H10. O2	162
56	4-(1,5-DIMETHYL-3-OXOHEXYL)-1-CYCLOHEXENE-1-CARBOXYLIC ACID	17844074	C15. H24. O3	252
57	$1,2-BENZENEDICARBOXYLIC ACID, BUTYL METHYL ESTER	34006763	C13. H16. O4	236
58	2-(2-(2-(1,1-DIMETHYLETHOXY)ETHOXY)ETHOXY)ETHANE	29681207	C10. H22. O4	206
59	HEXANEDIOIC ACID,DIHEXYL ESTER	110388	C18. H34. O4	314
60	DIISOOCTYLPHTHALATE	27554263	C24. H38. O4	390
61	METHOXY PROPOXY PROPANOL	425	C7 . H16. O3	148
62	2,5-BIS(1,1-DIMETHYLPROPYL)-2,5-CYCLOHEXADIENE-1,4-DIONE	4584638	C16. H24. O2	248
63	METHOXY PROPOXY PROPANOL	426	C7 . H16. O3	148
64	METHOXY PROPOXY PROPOXY PROPANOL	404	C10. H22. O4	206
65	%2-HEXANONE	591786	C6 . H12. O1	100
66	1-(2-(2-METHOXY-1-METHYLETHOXY)-1-METHYLETHOXY)-2-PROPANOL	20324338	C10. H22. O4	206
67	METHOXY PROPOXY PROPOXY PROPANOL	406	C10. H22. O4	206
68	METHOXY PROPOXY PROPOXY PROPANOL	405	C10. H22. O4	206
69	%+$1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	84662	C12. H14. O4	222
70	BUTANOIC ACID, 1-METHYLPROPYL ESTER	819976	C8 . H16. O2	144
71	%HEXANOIC ACID	142621	C6 . H12. O2	116
72	%DECANOIC ACID	334485	C10. H20. O2	172
73	%TETRADECANOIC ACID	544638	C14. H28. O2	228
74	PENTADECANOIC ACID	1002842	C15. H30. O2	242
75	TRANS-9-OCTADECENOIC ACID	112798	C18. H34. O2	282
76	1,2,3,4,4A,9,10,10A-OCTAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL)-1-PHENANTHRENEC	5155704	C20. H28. O2	300
77	%+PHENANTHRENE	85018	C14. H10	178
78	P-PHENYLACETOPHENONE	496	C14. H12. O1	196
79	CIS-9-HEXADECENOIC ACID	2091294	C16. H30. O2	254
80	CIS-9-OCTADECENOIC ACID, METHYL ESTER	112629	C19. H36. O2	296
81	%$1,2-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL)ESTER	84695	C16. H22. O4	278
82	%$1,2-BENZENEDICARBOXYLIC ACID, DICYCLOHEXYL ESTER	84617	C20. H26. O4	330
83	%+$1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	117817	C24. H38. O4	390
84	%DODECANOIC ACID	143077	C12. H24. O2	200
85	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECARBOXYLIC ACID	38963916	C15. H26. O3	254
86	2-ETHYLBUTANAL	97961	C6 . H12. O1	100
87	2-METHYL-3-HEXANOL	617298	C7 . H16. O1	116
88	%NONANOIC ACID	112050	C9 . H18. O2	158
89	4-(1,1-DIMETHYLETHYL)PHENOXYACETIC ACID	1798045	C12. H16. O3	208
90	8-NONENOIC ACID	31642678	C9 . H16. O2	156

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1N C1N C2N R1C R2C E1C D2N B2C B1N B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
91	OCTANEDIOIC ACID	505486	C8 . H14. O4	
92	X+NAPHTHALENE	91203	C10. H8	174
93	9,10-DIHYDRO-9,9-DIMETHYL ACRIDINE	6267023	C15. H15. N1	128
94	$1,2-BENZENEDICARBOXYLIC ACID, BUTYL 2-METHYLPROPYL ESTER	17851535	C16. H22. O4	209
95	BENZENEACETALDEHYDE, APLHA-PHENYL	947911	C14. H12. O1	278
96	BUTANOIC ACID, 4-ETHOXYBUTYL ESTER	33931689	C10. H20. O3	196
97	$1,2-BENZENEDICARBOXYLIC ACID, ETHYL METHYL ESTER	34006774	C11. H12. O4	188
98	BUTANOIC ACID, 2-BUTOXYETHYL ESTER	20442062	C10. H20. O3	208
99	X2-PENTANONE	107879	C5 . H10. O1	188
100	2-PHENYL BUTANOIC ACID	98277	C10. H12. O2	86
101	X5-ETHYL-5-PHENYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	50066	C12. H12. N2 . O3	164
102	2,2-DIMETHYLBUTANOIC ACID	595379	C6 . H12. O2	232
103	1-METHOXY-2-PROPANOL	107982	C4 . H10. O2	116
104	2-METHYL-3-HEXENOIC ACID	62243576	C7 . H12. O2	98
105	2-ETHYL-OCTANEDIOIC ACID	3971333	C13. H18. O4	128
106	3-METHYLBUTANOIC ACID	503742	C5 . H10. O2	282
107	3-ETHYLHEXANOIC ACID	41865912	C8 . H16. O2	102
108	X5-ETHYL-5-(3-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	57432	C11. H18. N2 . O3	144
109	3,4-DIMETHYLBENZOIC ACID	519045	C9 . H10. O2	226
110	X2-HYDROXYBENZOIC ACID	69727	C7 . H6 . O3	150
111	X1,2-BENZENEDICARBOXYLIC ACID	88993	C8 . H6 . O4	138
112	4-METHYL-2-OXOPENTANOIC ACID	816668	C6 . H10. O3	166
113	2-METHYLHEPTANOIC ACID	1188029	C8 . H16. O2	130
114	1,1#-[(1-METHYL-1,2-ETHANEDIYL)BIS(OXY)]BIS-2-PROPANOL	1638160	C9 . H20. O4	144
115	4-(1-METHYLETHYL)BENZOIC ACID	536663	C10. H12. O2	192
116	1-(1-METHYL-2-(2-PROPENYLOXY)ETHOXY)-2-PROPANOL	55956257	C9 . H18. O3	164
117	BUTANOIC ACID,BUTYL ESTER	109217	C8 . H16. O2	174
118	(2-(2-METHOXYMETHYLETHOXY)METHYLETHOXY)PROPANOL	25498491	C10. H22. O4	144
119	2,2-DIMETHYLPENTANOIC ACID	1185393	C7 . H14. O2	206
120	XHEPTANOIC ACID	111148	C7 . H14. O2	130
121	4-METHYL-4-NITROPENTANOIC ACID	23102025	C6 . H11. N1 . O4	130
122	4,5-DIMETHYLCYCLO-OCTANECARBOXYLIC ACID	5079	C11. H20. O2	161
123	3-CHLOROBENZOIC ACID	535808	C7 . H5 . O2 .CL1	198
124	2,3-DIMETHYLBENZOIC ACID	603732	C9 . H10. O2	156
125	2,4,5-TRIMETHYLBENZOIC ACID	528905	C10. H12. O2	150
126	3-HYDROXYCAPRIC ACID	14292263	C10. H20. O3	164
127	X2-NAPHTHALENECARBOXYLIC ACID	93094	C11. H8 . O2	188
128	OCTAHYDRONAPHTHALENE CARBOXYLIC ACID	3021736	C11. H18. O2	172
129	DIHYDRO-5,5-DIMETHYL-2(3H)-FURANONE	3123975	C6 . H10. O2	182
130	DIHYDRO-3,5-DIMETHYL-2(3H)-FURANONE	5145017	C6 . H10. O2	114
131	N-BUTYLBENZENESULFONAMIDE	3622842	C10. H15. N1 . O2 . S1	114
132	1-ETHENYL-3,5-DIMETHYLBENZENE	5379204	C10. H12	213
133	X4-METHYL BENZENESULFONAMIDE	70553	C7 . H9 . N1 . O2 . S1	132
134	(4-(1,1-DIMETHYLETHYL)PHENOXY)-METHANOL ACETATE	54889984	C13. H18. O3	171
135	1,2,4-TRIBUTYLBENZENE	14800169	C18. H30	222
				246

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2N L2N L2O G3C C1P C1N C2N R1C R2C E1C D2N B2C B1N B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
136	4-METHYL-3-CYCLOHEXENE-1-METHANOL	526	C10. H18. O1	154
137	N,N-DIMETHYLHEPTANAMIDE	1115964	C9 . H19. N1 . O1	157
138	TRANS-9-OCTADECENOIC ACID, METHYL ESTER	1937628	C19. H36. O2	296
139	OCTANOIC ACID; 1-METHYLTRIDECYL ESTER	55193798	C22. H44. O2	340
140	METHOXYBUTANOIC ACID, BUTYL ESTER	1818	C9 . H18. O3	174
141	~~2-METHYLHEPTANE~~	~~592276~~	~~C8 . H18~~	~~114~~
142	2,4-DICHLOROBENZOIC ACID	50840	C7 . H4 . O2 .CL2	190
143	X9-OCTADECENOIC ACID	112801	C18. H34. O2	282
144	3,7-DIMETHYL-6-OCTENOIC ACID	2806	C10. H18. O2	170
145	TRIS(CHLOROPROPYL)PHOSPHATE	995	C9 . H18. O4 .CL3 . P1	326
146	TETRAHYDRO-2-METHYL-2-FURANOL	7326467	C5 . H10. O2	102
147	2-METHYL-2,4-PENTANEDIOL	107415	C6 . H14. O2	118
148	2-BUTOXYETHANOL	111762	C6 . H14. O2	118
149	~~DECANE~~	~~124185~~	~~C10. H22~~	~~142~~
150	3-HEXANONE	589388	C6 . H12. O1	100
151	1-(4-(1-METHYLETHYL)PHENYL)-ETHANONE	645136	C11. H14. O1	162
152	6-METHYL-5-HEPTEN-2-ONE	110930	C8 . H14. O1	126
153	2,5-HEXANEDIOL	2935446	C6 . H14. O2	118
154	TETRAHYDRO-1,1-DIOXIDE THIOPHENE	126330	C4 . H8 . O2 . S1	120
155	BENZOTHIAZOLE	95169	C7 . H5 . N1 . S1	135
156	1-(2-METHOXYPROPOXY)-2-PROPANOL	13429877	C7 . H16. O3	148
157	HEXANEDIOIC ACID,DIHEXYL ESTER	110338	C18. H34. O4	314
158	X+$1,2-BENZENEDICARBOXYLIC ACID, BUTYL PHENYLMETHYL ESTER	85687	C19. H20. O4	312
159	2,6-BIS(1,1-DIMETHYL ETHYL)-4-ETHYL PHENOL	4130421	C16. H26. O1	234
160	XBENZALDEHYDE	100527	C7 . H6 . O1	106
161	ISOPENTADECANOIC ACID	544	C15. H30. O2	242
162	X°+$PENTACHLOROPHENOL	87865	C6 . H1 . O1 .CL5	264
163	X°+$2,4,6-TRICHLOROPHENOL	88062	C6 . H3 . O1 .CL3	196
164	X+PYRENE	129000	C16. H10	202
165	XTRIBUTYL PHOSPHATE	126738	C12. H27. O4 . P1	266
166	HEXADECANOIC ACID, METHYL ESTER	112390	C17. H34. O2	270
167	OCTADECANOIC ACID, METHYL ESTER	112618	C19. H38. O2	298
168	2-ETHYL-1-HEXANOL	104767	C8 . H18. O1	130
169	2,6-BIS(1,1-DIMETHYLETHYL)-2,5-CYCLOHEXADIENE-1,4-DIONE	719222	C14. H20. O2	220
170	~~CARBONIC ACID~~	~~463~~	~~C1 . H2 . O3~~	~~62~~
171	X1,4-DIOXANE	123911	C4 . H8 . O2	88
172	$ETHYLBENZENE	100414	C8 . H10	106
173	X$1,4-DIMETHYBENZENE	106423	C8 . H10	106
174	XNONANEDIOIC ACID	123999	C9 . H16. O4	188
175	ANTEISOHEPTADECANOIC ACID	457	C17. H34. O2	270
176	HEPTADECANOIC ACID	506127	C17. H34. O2	270
177	4-METHYL-2-PENTANOL	108112	C6 . H14. O1	102
178	2-HEXANOL	626937	C6 . H14. O1	102
179	3-METHYLCYCLOPENTANONE	1757422	C6 . H10. O1	98
180	2-HEXANEAMINE	5329793	C6 . H15. N1	101

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
181	2,4-HEXADIEN-1-OL	111284	C6 . H10. O1	98
182	5-PHENYL PENTANOIC ACID	2270204	C11. H14. O2	178
183	1,1-DIMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	1985597	C12. H16	160
184	4-ETHYL-1,2-DIMETHYL BENZENE	934805	C10. H14	134
185	1,3-BIS(1-METHYLETHYL) BENZENE	99627	C12. H18	162
186	X*2-CHLORO-BENZENEAMINE	95512	C6 . H6 . N1 .CL1	127
187	1,4-DIETHYL BENZENE	105055	C10. H14	134
188	X1-METHYL-4-(1-METHYLETHYL)BENZENE	99876	C10. H14	134
189	1,2,3,5-TETRAMETHYL BENZENE	527537	C10. H14	134
190	DECYL BENZENE	104723	C16. H26	218
191	TRIMETHYLNAPHTHALENE	314	C13. H14	170
192	DECANEDIOIC ACID, DIBUTYL ESTER	189433	C18. H34. O4	314
193	2-(4-(1,1-DIMETHYLETHYL)PHENOXYL)-ETHANOL	713462	C12. H18. O2	194
194	1-METHYL-4-(1-METHYLETHYL)-3-CYCLOHEXEN-1-OL	586823	C10. H18. O1	154
195	N,N-DIBUTYL FORMAMIDE	761659	C9 . H19. N1 . O1	157
196	2-(3*-ISOPROPYLPHENYL)-1-PROPANOL	54518115	C12. H18. O1	178
197	X*1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER	131113	C10. H10. O4	194
198	4-TRIMETHYL-3-CYCLOHEXENE-1-METHANOL	527	C10. H18. O1	154
199	1-(2-(2-ETHOXY-1-METHYLETHOXY)-1-METHYLETHOXY)-2-PROPANOL	28178341	C11. H24. O4	220
200	3-CYCLOHEXYLPHENOL	1943959	C12. H16. O1	176
201	X3-PHENYLPROPIONIC ACID	501520	C9 . H10. O2	150
202	2-METHYLBUTANOIC ACID	116530	C5 . H10. O2	102
203	2-ETHYL BUTANOIC ACID	88095	C6 . H12. O2	116
204	XPENTANOIC ACID	109524	C5 . H10. O2	102
205	3-METHYLPENTANOIC ACID	105431	C6 . H12. O2	116
206	BIS(2-ETHOXYETHYL)ETHER	112367	C8 . H18. O3	162
207	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID	2044000	C6 . H8 . O5	160
208	X*PHENOL	108952	C6 . H6 . O1	94
209	X*4-CHLOROPHENOL	106489	C6 . H5 . O1 .CL1	128
210	XACETIC ACID, ETHYL ESTER	141786	C4 . H8 . O2	88
211	3,3 DIMETHYL PENTANEDIOIC ACID	4839467	C7 . H12. O4	160
212	X5-ETHYL-5-(1-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	76744	C11. H16. N2 . O3	226
213	2,4,6-TRIMETHYLBENZOIC ACID	480637	C10. H12. O2	164
214	3-HEXANOL	623370	C6 . H14. O1	102
215	X4-METHYL-2-PENTANONE	108101	C6 . H12. O1	100
216	3-(3-(3-METHOXYPROPOXY)PROPOXY)-1-PROPANOL	13133294	C10. H22. O4	206
217	CYCLIC TETRAMETHYLENE ADIPATE	777957	C10. H16. O4	200
218	2,5,8,11,14-PENTAOXAPENTADECANE	143248	C10. H22. O5	222
219	BUTYL ESTER-ACETIC ACID	123864	C6 . H12. O2	116
220	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55956213	C7 . H16. O3	148
221	4,11,11-TRIMETHYL-8-METHYLENE-BICYCLO(7.2.0)UNDEC-4-ENE	13877935	C15. H24	204
222	X1,4-BUTANEDICARBOXYLIC ACID	124049	C6 . H10. O4	146
223	1,4-BENZENEDICARBOXYLIC ACID	100210	C8 . H6 . O4	166
224	6-METHYLOCTANOIC ACID	504994	C9 . H18. O2	158
225	1A,2,3,5,6,7,7A,7B-OCTAHYDRO-1,1,7,7A-TETRAMETHYL-1H-CYCLOPROPA(A)NAPTHALENE	17334553	C15. H24	204

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C O2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
226	2,6-NAPHTHALENEDICARBOXYLIC ACID	1141384	C12. H8 . O4	216
227	1,2,3,4,4A,9,10,10A-OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENECARBOXYLIC ACID	57345309	C17. H22. O2	258
228	1,4,5,6,7,8,9,9A-OCTAHYDRO-1,1,7-TRIMETHYL-3A,7-METHANO-3AH-CYCLOPENTACYCLOOC	469921	C15. H24	204
229	$3-CHLOROPHENOL	108430	C6 . H5 . O1 .CL1	128
230	+3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	78591	C9 . H14. O1	138
231	%3-METHYL-1-NITROSO-PIPERIDINE	13603871	C6 . H12. N2 . O1	128
232	NONYLPHENOL	25154523	C15. H24. O1	220
233	%4-METHYL-3-PENTEN-2-ONE	141797	C6 . H10. O1	98
234	4-(2,2,3,3-TETRAMETHYLBUTYL) PHENOL	54932784	C14. H22. O1	206
235	2-ETHYLPENTANOIC ACID	2005	C7 . H14. O2	130
236	2-METHYLPENTANEDIOIC ACID	617629	C6 . H10. O4	146
237	5-METHYL HEXANOIC ACID	628466	C7 . H14. O2	130
238	2,6-DIMETHYLBENZOIC ACID	632462	C9 . H10. O2	150
239	2,3,6-TRIMETHYLBENZOIC ACID	2529364	C10. H12. O2	164
240	%3,6-DICHLORO-2-METHOXYBENZOIC ACID	1918009	C8 . H6 . O3 .CL2	220
241	1-NAPHTHALENECARBOXYLIC ACID	86555	C11. H8 . O2	172
242	3-(3,4-DIMETHOXYPHENYL)-2-PROPENOIC ACID	2316269	C11. H12. O4	208
243	2-METHYLHEXANOIC ACID	4536236	C7 . H14. O2	130
244	BETA,BETA-DIMETHYLPHENYLACETIC ACID	826551	C10. H12. O2	164
245	ALPHA-METHYLENE BENZENE PROPANOIC ACID	5078	C10. H10. O2	162
246	(2,5-DIMETHYLBENZENE)BUTANOIC ACID	1453061	C13. H18. O2	192
247	1(3H)-ISOBENZOFURANONE	87412	C8 . H6 . O2	134
248	2,2,4,4-TETRAMETHYL PENTANOIC ACID	3302123	C9 . H18. O2	158
249	3-METHOXY-1,2-BENZISOTHIAZOLE	40991386	C8 . H7 . N1 . O1 . S1	165
250	*PHOSPHORIC ACID, TRIS-METHYLPHENYL ESTER (ISOMER UNKNOWN)	1330785	C21. H21. O4 . P1	368
251	1-DECENE	872059	C10. H20	140
252	1-UNDECENE	821954	C11. H22	154
253	1-DODECENE	112414	C12. H24	168
254	%CYCLOHEXENE	110838	C6 . H10	82
255	2,3,6-TRIMETHYLNAPHTHALENE	829265	C13. H14	170
256	1,3,6-TRIMETHYLNAPHTHALENE	3031081	C13. H14	170
257	4-(1-METHYLETHYL)-N-PHENYLBENZAMINE	5650102	C15. H17. N1	211
258	9,10-DIHYDROPHENANTHRENE	776352	C14. H12	180
259	2,2,5,7-TETRAMETHYL-4,5-OCTADIENE-3-ONE	19377970	C12. H20. O1	186
260	~~%TRICHLOROMETHANE~~	~~67663~~	~~C1 . H1 .CL3~~	~~118~~
261	2-HEPTANONE	110430	C7 . H14. O1	114
262	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1009	C7 . H12. O3	144
263	%UNDECANOIC ACID	112378	C11. H22. O2	186
264	TRANS-9-HEXADECENOIC ACID	373499	C16. H30. O2	254
265	1,2-BENZISOTHIAZOL-3(2H)-ONE	2634335	C7 . H5 . N1 . O1 . S1	151
266	5,5-DIETHYL-1,3-DIMETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	77281	C10. H16. N2 . O3	212
267	1-PHENYL-1,2,3-PROPANETRIOL	16354953	C9 . H12. O3	168
268	%BENZENEMETHANOL	100516	C7 . H8 . O1	108
269	1-HEPTADECANOL	1454859	C17. H36. O1	256
270	%*(2,4-DICHLOROPHENOXY)ACETIC ACID	94757	C8 . H6 . O3 .CL2	220

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2N L2N L2O C3C C1P C1N C1N C2N R1C R2C E1C D2N B2C B1N B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
271	%DICHLOROACETIC ACID	79436	C2 . H2 . O2 .CL2	128
272	2-(2-METHOXYPROPOXY)-1-PROPANOL	13588288	C7 . H16. O3	148
273	3-METHYL-2-HEPTANOL	31367461	C8 . H18. O1	130
274	2-(2-HYDROXYPROPOXY)-1-PROPANOL	106627	C6 . H14. O3	134
275	~~TRANS-1,2-CYCLOBUTANEDICARBOXYLIC ACID~~ SEE NO. 50	~~1124136~~	~~C6 . H8 . O4~~	~~144~~
276	%1,1,1-TRICHLOROETHANE	71556	C2 . H3 .CL3	132
277	2,2-DIMETHYL-1-BUTANOL	1185337	C6 . H14. O1	102
278	~~CYCLOHEPTANE~~	~~291645~~	~~C7 . H14~~	~~98~~
279	2-(1,1-DIMETHYLETHYL)CYCLOHEXANOL	13491797	C10. H20. O1	156
280	2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPROPANECARBOXYLIC ACID	10453891	C10. H16. O2	168
281	TRANS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	28098888	C7 . H10. O4	158
282	CYCLOPENTANEACETIC ACID, ETHENYL ESTER	45955666	C9 . H14. O2	154
283	%EICOSANOIC ACID	506309	C20. H40. O2	312
284	12-METHYLTETRADECANOIC ACID	5502943	C15. H30. O2	242
285	2-(2-(2-METHOXYPROPOXY)PROPOXY)-1-PROPANOL	10213771	C10. H22. O4	206
286	%4-METHOXY-T-BUTYL PHENOL	25013165	C11. H16. O2	180
287	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL	6367700	C10. H15. N1 . O2	181
288	2-HYDROXY DECANOIC ACID	5393817	C10. H20. O3	188
289	1-((2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)OXY)-1-BUTANOL ACETATE	254	C15. H26. O3	254
290	TETRAETHYLENE GLYCOL MONOBUTYL ETHER	218	C12. H26. O3	218
291	8,11-OCTADECADIENOIC ACID	2197526	C18. H32. O2	280
292	LIGNOCERIC ACID	557595	C24. H48. O2	368
293	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUCTOPYRANOSE	20880937	C12. H20. O6	260
294	1-TETRADECANOL	112721	C14. H30. O1	214
295	3-METHOXY-2-BUTANOL	53778720	C5 . H12. O2	104
296	FORMIC ACID, CYCLOHEXYL ESTER	4351546	C7 . H12. O2	128
297	%3-METHYLPHENOL	108394	C7 . H8 . O1	108
298	1,5-BIS(T-BUTYL)-3,3-DIMETHYL BICYCLO(3.1.0)HEXAN-2-ONE	1977958	C16. H28. O1	236
299	NONANEDIOIC ACID, BIS(2-ETHYLHEXYL)ESTER	103242	C25. H48. O4	412
300	8,11,14-OCTADECATRIENOIC ACID	4906916	C18. H30. O2	278
301	ACENAPHTHYLENE	208968	C12. H8	152
302	PIPERIDINOL	6859990	C5 . H11. N1 . O1	101
303	%.ALPHA.-METHYL-BENZENEMETHANOL	98851	C8 . H10. O1	122
304	1-CYCLOPENTYLETHANONE	6004600	C7 . H12. O1	112
305	7-OCTEN-2-ONE	3664686	C8 . H14. O1	126
306	%1,2-DICHLOROETHANE	107062	C2 . H4 .CL2	98
307	4-HYDROXY-4-METHYLCYCLOHEXANONE	17429026	C7 . H12. O2	128
308	%4-METHYL PHENOL	106445	C7 . H8 . O1	108
309	%CYCLOHEXANOL	108930	C6 . H12. O1	100
310	1,2 5,6-BIS-O-(1-METHYLETHYLIDENE)-BETA-D-TALOFURANOSE	23262795	C12. H20. O6	260
311	BUTYL 2-METHYL-2-(P-CHLOROPHENOXY)PROPANOATE	1713140	C14. H19. O3 .CL1	270
312	2-BUTYLTETRAHYDROFURAN	1004291	C8 . H16. O1	128
313	%3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE	58082	C8 . H10. N4 . O2	194
314	%N,N-DIMETHYLFORMAMIDE	68122	C3 . H7 . N1 . O1	73
315	1,3-ISOBENZOFURANDIONE	85449	C8 . H4 . O3	148

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
316	N-ACETYLCYCLOHEXYLAMINE	1124534	C8 . H15. N1 . O1	141
317	DIHYDRO-4,4-DIMETHYL-2(3H)-FURANONE	13861977	C6 . H10. O2	114
318	2-METHOXY-1-PROPANOL	1589475	C4 . H10. O2	90
319	ISOMYRISTIC ACID	543	C14. H28. O2	228
320	9-OXODECANOIC ACID	1422260	C10. H18. O3	186
321	ISOPALMITIC ACID	545	C16. H32. O2	256
322X*+	$FLUORANTHENE	206440	C16. H10	202
323	3,4-EPOXY-2-HEXANONE	17257817	C6 . H10. O2	114
324	X$METHYLBENZENE	108883	C7 . H8	92
325	4-HYDROXY-4-METHYL-2-PENTANONE	123422	C6 . H12. O2	116
326	%1-HEXADECANOL	36653824	C16. H34. O1	242
327	2-HEPTANOL	543497	C7 . H16. O1	116
328	4-HEPTANONE	123193	C7 . H14. O1	114
329	(1,4-CYCLOHEXADIEN-1-YL)BENZENE	13703521	C12. H12	156
330	4-METHYL-1,3-DIOXANE	1120974	C5 . H10. O2	102
331	2-ACETYL-4-METHYL-4-PENTENOIC ACID	1005	C8 . H12. O3	156
332	X$1,2 BENZENEDICARBOXYLIC ACID, 2-BUTOXY-2-OXOETHYL BUTYL ESTER	85701	C18. H24. O6	336
333	1-ETHYL-2-METHYLBENZENE	611143	C9 . H12	120
334	%*$ETHENYLBENZENE	100425	C8 . H8	104
335	(1,1-DIMETHYLBUTYL) BENZENE	1985575	C12. H18	162
336	6-METHYL-1,2,3,4-TETRAHYDONAPHTHALENE	1680519	C11. H14	146
337	1,2,4-TRIMETHYL BENZENE	95636	C9 . H12	120
338	2-ETHYL-1,3-DIMETHYL BENZENE	2870044	C10. H14	134
339	2,3-DIHYDRO-1-METHYL-1H-INDENE	767588	C10. H12	132
340	%2-METHYLNAPHTHALENE	91576	C11. H10	142
341	1-ETHYL-3,5-DIMETHYL BENZENE	934747	C10. H14	134
342	2-BUTYLNAPHTHALENE	1134629	C14. H16	184
343	1,4-BIS(1-METHYLETHYL)BENZENE	100185	C12. H18	162
344	C5 BENZENE	120	C11. H16	148
345	1,2,3,4-TETRAHYDRO-2-METHYL NAPHTHALENE	3877198	C11. H14	146
346	%1,1*-BIPHENYL	92524	C12. H10	154
347	DIMETHYL NAPHTHALENE	300	C12. H12	156
348	%2-METHYLPHENOL	95487	C7 . H8 . O1	108
349	1-METHYLPYRENE	2381217	C17. H12	216
350	TERPHENYL	26140603	C18. H14	230
351	2,3,5-TRIMETHYL PHENANTHRENE	3674735	C17. H16	220
352	1-METHYL ANTHRACENE	610480	C15. H12	192
353	2-OCTYL PHENOL	949133	C14. H22. O1	206
354	EXO-1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-OL	124765	C10. H18. O1	154
355	%ENDO-1,7,7-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-OL	507700	C10. H18. O1	154
356	%1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE	76222	C10. H16. O1	152
357	1,3,3-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-OL	1632731	C10. H18. O1	154
358	2,2*-OXYBIS(2-METHYLPROPANE)	6163662	C8 . H18. O1	130
359	1,2-DIMETHYL-3-(1-METHYL-1-ETHENYL)-1-CYCLOPENTANOL	11039728	C10. H18. O1	154
360	ALPHA-METHYL-2-(1-METHYLETHYL)BENZENEETHANOL	58443826	C12. H18. O1	178

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
361	CIS-2-METHYLCYCLOPENTANOL	25144052	C6 . H12. O1	100
362	PHOSPHORIC ACID, TRIOCTYL ESTER	1806548	C24. H51. O4 . P1	434
363	HENEICOSANOIC ACID, METHYL ESTER	6064900	C22. H44. O2	340
364	1,2,3,4,4A,9,10,10A OCTAHYDRO-1,4A-DIMETHYL-7-(1-METHYL ETHYL)-1-PHENANTHRENE	1235741	C21. H30. O2	314
365	3(2H)-BENZOFURANONE	7169348	C8 . H6 . O2	134
366	OCTENOIC ACID, METHYL ESTER	700	C9 . H16. O2	156
367	3-OCTENOIC ACID	1577191	C8 . H14. O2	142
368	$1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER	120616	C10. H10. O4	194
369	2-CYCLOHEXEN-1-ONE	930687	C6 . H8 . O1	96
370	2,5-HEXANEDIONE	110134	C6 . H10. O2	114
371	2-(2-ETHOXYETHOXY)ETHANOL	111900	C6 . H14. O3	134
372	3,5,5-TRIMETHYL-3-CYCLOHEXEN-1-ONE	471812	C9 . H14. O1	138
373	DICYCLOHEXYLADIPATE	849990	C18. H30. O4	310
374	4-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL	140669	C14. H22. O1	206
375	CHLOROBENZOIC ACID ISOMER	708	C7 . H5 . O2 .CL1	156
376	2,6,6,9-TETRAMETHYL-1,4,8-CYCLOUNDECATRIENE	6753986	C15. H24	204
377	4-METHYL-PENTANOIC ACID	646071	C6 . H12. O2	116
378	4,5-DIMETHYL-1-HEXENE	16106595	C8 . H16	112
379	2,3-DIMETHYLBUTANOIC ACID	14287617	C6 . H12. O2	116
380	X+ANTHRACENE	120127	C14. H10	178
381	~~DODECANE~~	~~6299~~	~~C12. H26~~	~~310~~
382	1-SEC-BUTOXY-2-METHOXYPROPANE	1001	C8 . H18. O2	146
383	3-METHYL-2-CYCLOHEXEN-1-ONE	1193186	C7 . H10. O1	110
384	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17429297	C9 . H14. O1	138
385	CYCLOHEXANECARBOXYLIC ACID, ETHENYL ESTER	4840760	C9 . H14. O2	154
386	4-(1-ETHYL-1-METHYLHEXYL)PHENOL	52427131	C15. H24. O1	220
387	SULFONYL BIS-METHANE	67710	C2 . H6 . O2 . S1	94
388	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	55956224	C7 . H16. O3	148
389	%BUTANOIC ACID	107926	C4 . H8 . O2	88
390	4,4-DIMETHYL-2-PENTENOIC ACID	6945353	C7 . H12. O2	128
391	4-OCTENOIC ACID	18296898	C8 . H14. O2	142
392	BENZOYLAMINOACETIC ACID	495692	C9 . H9 . N1 . O3	179
393	TETRAHYDRO-4,6,6-TRIMETHYL-2H-PYRAN-2-ONE	20628368	C8 . H14. O2	142
394	5-BUTYLDIHYDRO-2-FURANONE	34883775	C8 . H14. O2	142
395	2,5,8,11-TETRAOXADODECANE	112492	C8 . H18. O4	178
396	$1,2-BENZENEDICARBOXYLIC ACID, TERT-BUTYL METHYL ESTER	1007	C13. H16. O4	236
397	DIMETHYLNAPHTHALENE	301	C12. H12	156
398	1,2,3,4-TETRAHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	21693516	C13. H18	174
399	%(1,1+-BIPHENYL)-2-OL	90437	C12. H10. O1	170
400	3-OCTANONE	106683	C8 . H16. O1	128
401	1-OCTENE	111660	C8 . H16	112
402	1-NONENE	124118	C9 . H18	126
403	DECANEDIOIC ACID	111206	C10. H18. O4	202
404	1-TRIDECENE	2437561	C13. H26	182
405	1-TETRADECENE	1120361	C14. H28	196

(continued)

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TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
406	1-PENTADECENE	13360617	C15. H30	210
407	1-HEXADECENE	629732	C16. H32	224
408	2-METHYL-2-PROPYLHEXANOIC ACID	31080372	C10. H20. O2	172
409	2,6-BIS(1-METHYLETHYL)PHENOL	2078548	C12. H18. O1	178
410	X3,4-DICHLOROBENZAMINE	95761	C6 . H5 . N1 .CL2	161
411	1,3,8-TRIMETHYLNAPHTHALENE	17057919	C13. H14	170
412	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26137531	C16. H18	210
413	1,4,6-TRIMETHYL NAPHTHALENE	2131422	C13. H14	170
414	1-TERT-BUTOXY-3-METHOXY BENZENE	15359996	C11. H16. O2	180
415	1,2,3,4-TETRAHYDRO-1,4,6-TRIMETHYLNAPHTHALENE	22824324	C13. H18	174
416	1-PROPYL-2,5-PYRROLIDINEDIONE	3478971	C7 . H11. N1 . O2	141
417	TRANS-9-HEXADECENOIC ACID, METHYL ESTER	1120258	C17. H32. O2	268
418	X2-METHYLPROPANOIC ACID	79312	C4 . H8 . O2	88
419	2-METHOXY-3-METHYL-2-PENTENOIC ACID	1808	C7 . H12. O3	144
420	CIS-2,5-DIMETHYLTETRAHYDROFURAN	2144414	C6 . H12. O1	100
421	2-ETHYL-N,2-DIMETHYLSUCCINIMIDE	13861399	C8 . H13. N1 . O2	155
422X*	2,4-DICHLOROPHENOL	120832	C6 . H4 . O1 .CL2	162
423	5-(1,1-DIMETHYLETHYL)-1,3-BENZODIOXOL-2-ONE	94915213	C11. H12. O3	192
424	5-(1-METHYLPROPYL)-5-ETHYL-2,4,6(1H,3H,5H)PYRIMIDINETRIONE	125406	C10. H16. N2 . O3	212
425	2-METHOXYBENZENEACETIC ACID	93254	C9 . H10. O3	166
426	BETA,3,4-TRIMETHYLBENZENEPROPANOIC ACID	1011	C12. H16. O2	192
427	2-(PHENYLMETHYL)BENZOIC ACID	612351	C14. H12. O2	212
428	2,2-DIMETHYLPENTANEDIOIC ACID	681572	C7 . H12. O4	160
429	X4-(1,1-DIMETHYLETHYL)PHENOL	98544	C10. H14. O1	150
430	1,3-DIMETHOXY-2-PROPANOL	623698	C5 . H12. O3	120
431	1-BUTOXY-3-METHOXYPROPANE	1012	C8 . H18. O2	146
432	XCHLOROBENZENE	108907	C6 . H5 .CL1	112
433	3-METHOXY-2-METHYL-2-PENTENOIC ACID	1014	C7 . H12. O3	144
434	ALPHA,ALPHA-DICHLOROBENZENEACETIC ACID	61031729	C8 . H6 . O2 .CL2	204
435	1-(2-BUTOXY-1-METHYLETHOXY)-2-PROPANOL	29911282	C10. H22. O3	190
436	TETRAHYDRO-6-METHYL-2H-PYRAN-2-ONE	823223	C6 . H10. O2	114
437	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	3623058	C7 . H13. N1 . O1	127
438	6-METHYL-3(2H)-BENZOFURANONE	20895414	C9 . H8 . O2	148
439	~~2,3-DIETHYLPENTANE~~	~~1067205~~	~~C9 . H20~~	~~128~~
440	1-METHOXY-2-HEXENE	56052836	C7 . H14. O1	114
441	1,11-OXYBISHEXANE	112583	C12. H26. O1	186
442	3-OXOBUTANOIC ACID	541584	C4 . H6 . O3	102
443	1-METHOXY-2-BUTANOL	53778737	C15. H12. O2	184
444	2,3-DIMETHYL-3-PENTANOL	595415	C7 . H16. O1	116
445	2,6-DIMETHYLPHENOXY CARBONIC ACID	1813	C9 . H10. O3	166
446	2-METHYLCYCLOPENTANOL	24070777	C6 . H12. O1	100
447	X2-ONEPANONE	502443	C6 . H10. O2	114
448	2-(HYDROXYMETHYL)BENZOIC ACID	612204	C8 . H8 . O3	152
449	TRIDECANOIC ACID	638539	C13. H26. O2	214
450	UNDECANEDIOIC ACID	1852046	C11. H20. O4	216

(continued)

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TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1* C1M C1N G2N R1C R2C E1C G2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
451	4-BUTOXYBUTANOIC ACID	55724737	C8 . H16. O3	160
452	3-HEPTANOL	589822	C7 . H16. O1	116
453	2,3-DIMETHYLTETRAHYDRO-2-FURANOL	61142776	C6 . H12. O2	116
454	6-BROMO-2-HEXANONE	10226296	C6 . H11. O1 .BR1	178
455	XTRIMETHYL NITROSO UREA	3475636	C4 . H9 . N3 . O2	131
456	3,4-DIHYDROXY-6-METHOXY-1-NAPHTHALENONE	1078199	C11. H12. O2	176
457	1,2-BENZENEDICARBOXLIC ACID,BUTYL PHENYL ESTER	38411128	C18. H18. O4	298
458	XBENZENEACETONITRILE	140294	C8 . H7 . N1	117
459	PIPERIDINONE	27194434	C5 . H9 . N1 . O1	99
460	1-ETHOXY DECALIN	91953187	C12. H22. O1	182
461	4-OXO-NONANOIC ACID	6864524	C9 . H16. O3	172
462	TRANS-11-OCTADECENOIC ACID	693721	C18. H34. O2	282
463	NONADECANOIC ACID	646388	C19. H38. O2	298
464	BEHENIC ACID	25378261	C22. H44. O2	340
465	1,3,6-TRIOXOCANE	1779197	C5 . H10. O3	118
466	2-ETHYL-1,3-HEXANEDIOL	94962	C8 . H18. O2	146
467	2-ETHYL-5-METHYLDIOXANE	93907918	C7 . H14. O2	130
468	X PYRIDINE	110861	C5 . H5 . N1	79
469	HEXADECANOIC ACID, ETHYL ESTER	628977	C18. H36. O2	284
470	4-HEXEN-2-ONE	29659227	C6 . H10. N1	98
471	5-METHYL-2-HEXANOL	627998	C7 . H16. O1	116
472	3-HYDROXY-1,2-BENZISOTHIAZOLE	3434	C7 . H5 . N1 . O1 . S1	167
473	2,6-DICHLOROBENZOIC ACID	50793	C7 . H4 . O2 .CL2	190
474	O-PROPIONYL BENZOIC ACID	4219950	C10. H10. O3	178
475	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID	129	C9 . H8 . O2 .BR2	306
476	3-HYDROXYTETRADECANOIC ACID	1961724	C14. H28. O3	244
477	X2-AMINOBENZOIC ACID	118923	C7 . H7 . N1 . O2	137
478	2-AMINO-5-CHLOROBENZOIC ACID	89543	C7 . H6 . N1 . O2 .CL1	171
479	4-HYDROXY-4-METHYL-2-PENTANONE	123422	C6 . H12. O2	116
480	2,2,3-TRIMETHYL-3-CYCLOPENTENE-1-ACETALDEHYDE	4501588	C10. H16. O1	152
481	2,3-BUTANEDIOL	513839	C4 . H10. O2	90
482	2-METHOXYBENZOIC ACID	579759	C8 . H8 . O3	152
483	3-METHOXYBENZOIC ACID	586389	C8 . H8 . O3	152
484	4-HYDROXY-ALPHA,ALPHA,6-TRIMETHYLCYCLOHEXANEMETHANOL	88535	C10. H20. O2	172
485	DICYCLOHEXYL SEBACATE	366	C22. H38. O4	366
486	X3-PHENYL-2-PROPENAL	104552	C9 . H8 . O1	132
487	X1-METHYL-2-PYRROLIDINONE	872504	C5 . H9 . N1 . O1	99
488	~~6-ALPHA-VINYL-ALPHA,4-TRIMETHYL-4-HYDROXYCYCLOHEXANEMETHANOL,H2O~~ SEE NO. 484	~~2451016~~	~~C10. H20. O2~~	~~172~~
489	BENZOIC ACID, BUTYL ESTER	136607	C11. H14. O2	178
490	DIDEHYDROGENATED ABIETIC ACID	625	C20. H26. O2	298
491	3-METHYL-3-PENTANOL	77747	C6 . H14. O1	102
492	1-[4-(1-HYDROXY-1-METHYLETHYL)PHENYL]ETHANONE	54549723	C11. H14. O2	178
493	TETRADECANOIC ACID, METHYL ESTER	124107	C15. H30. O2	242
494	1,2-BENZISOTHIAZOLE	272162	C7 . H5 . N1 . S1	135
495	N-PROPYL-1-HEXANAMINE	20193231	C9 . H21. N1	143

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1> C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
496	~~PHOSPHORIC ACID~~	~~456~~	~~H3 . O4 . P1~~	~~98~~
497	3-PENTEN-2-OL	1569502	C5 . H10. O1	86
498	2-METHYLCYCLOPENTANONE	1120725	C6 . H10. O1	98
499	(1-METHYLBUTYL)OXIRANE	53229393	C7 . H14. O1	114
500	OCTADECANOL	26762447	C18. H38. O1	270
501	8-NONENE-2-ONE	5889325	C9 . H16. O1	140
502	XBROMOCHLOROMETHANE	74975	C1 . H2 .BR1 .CL1	128
503	2,4,6-TRIMETHYL UNDECANOIC ACID	28484222	C14. H28. O2	228
504	10-UNDECENOIC ACID	112389	C11. H20. O2	184
505	3-METHYLCYCLOHEXENE	591488	C7 . H12	96
506	X3-CHLORO-2-METHYL-1-PROPENE	563473	C4 . H7 .CL1	90
507	1,2-DICHLOROPENTANE	1674335	C5 . H10.CL2	140
508	1-CHLOROHEPTANE	629061	C7 . H15.CL1	134
509	1,1 DIETHOXY ETHANE	105577	C6 . H14. O2	118
510	1-PROPYLBUTYL BENZENE	2132867	C13. H20	176
511	X$1,3-DIMETHYLBENZENE	108383	C8 . H10	106
512	3-CYCLOHEXEN-1-YL-BENZENE	4994165	C12. H14	158
513	1,2,3-TRIMETHYL BENZENE	526738	C9 . H12	120
514	X1,3,5-TRIMETHYL BENZENE	108678	C9 . H12	120
515	1-METHYL-2-PROPYL BENZENE	1074175	C10. H14	134
516	4-METHYL-2,3 DIHYDRO-1H-INDENE	824226	C10. H12	132
517	X1-METHYLNAPHTHALENE	90120	C11. H10	142
518	X2-ETHYL NAPHTHALENE	939275	C12. H12	156
519	X1,4-DIMETHYLNAPHTHALENE	571584	C12. H12	156
520	1,6,7-TRIMETHYLNAPHTHALENE	2245387	C13. H14	170
521	1-ETHYL-2,4-DIMETHYL BENZENE	874419	C10. H14	134
522	1-ETHYL-2,3-DIMETHYL BENZENE	933982	C10. H14	134
523	X$(1-METHYL ETHYL) BENZENE	98828	C9 . H12	120
524	1-METHYL-4-PROPYLBENZENE	1074551	C10. H14	134
525	BUTYLBENZENE	104518	C10. H14	134
526	(1-METHYLBUTYL) BENZENE	2719520	C11. H16	148
527	C5 BENZENE	121	C11. H16	148
528	X+$1,2-DICHLORO BENZENE	95501	C6 . H4 .CL2	146
529	DIMETHYL INDAN	615	C11. H14	146
530	DIMETHYL-(1-METHYLETHYL)BENZENE	103	C11. H16	148
531	ETHYL-TRIMETHYL BENZENE	114	C11. H16	148
532	2,3-DIHYDRO-4,7-DIMETHYL-1H-INDENE	6682719	C11. H14	146
533	DIMETHYL INDAN	616	C11. H14	146
534	2,7-DIMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	13665871	C12. H16	160
535	NONYL BENZENE	1081772	C15. H24	204
536	X2,6-DIMETHYLNAPHTHALENE	581420	C12. H12	156
537	1,6-DIMETHYLNAPHTHALENE	575439	C12. H12	156
538	UNDECANYL BENZENE	6742547	C17. H28	232
539	BIS(1-METHYLETHYL)PHENOL	528	C12. H18. O1	178
540	TRIMETHYLNAPHTHALENE	311	C13. H14	170

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2N L2N L2O C3C C1P C1N C1N C2N R1C R2C E1C O2N B2C B1N B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
541	TRIMETHYLNAPHTHALENE	312	C13. H14	170
542	TRIMETHYLNAPHTHALENE	313	C13. H14	170
543	DIMETHYL BIPHENYL	688	C14. H14	182
544	(1,1-DIMETHYLPROPYL)BENZENE	2049958	C11. H16	148
545	1-ETHYL-3-METHYL BENZENE	620144	C9 . H12	120
546	2-(1-METHYLETHYL) NAPHTHALENE	2027170	C13. H14	170
547	X1-METHYL-7-(1-METHYETHYL) PHENANTHRENE	483658	C18. H18	234
548	2-(PHENYLMETHYL) NAPHTHALENE	613592	C17. H14	218
549	1,2,4,5-TETRAMETHYL BENZENE	95932	C10. H14	134
550	DIMETHYL ETHYL BENZENE	208	C10. H14	134
551	DIMETHYL ETHYL BENZENE	281	C10. H14	134
552	X1,3,3-TRIMETHYL-2-OXABICYCLO(2.2.2)OCTANE	470826	C10. H18. O1	154
553	XBENZOIC ACID METHYL ESTER	93583	C8 . H8 . O2	136
554	3-METHYL PYRIDINE	108996	C6 . H7 . N1	93
555	N,N-DIETHYFORMAMIDE	617845	C5 . H11. N1 . O1	101
556	1,3,3-TRIMETHYL(2.2.1)BICYCLOHEPTAN-2-ONE	1195795	C10. H16. O1	152
557	3,6,9-TRIOXATRIDECANE	3895178	C10. H22. O3	190
558	X1,2,3-TRICHLOROPROPANE	96184	C3 . H5 .CL3	146
559	X1-PHENYLETHANONE	98862	C8 . H8 . O1	120
560	3,7,11-TRIMETHYL-2,6,10-DODECATRIENOL	1335484	C15. H28. O1	224
561	X5-3-(1-METHYL-2-PYRROLIDINYL)-PYRIDINE	54115	C10. H14. N2	162
562	~~2,4-DIMETHYL HEXANE~~	~~589435~~	~~C8 . H18~~	~~114~~
563	2-METHYL PENTANOIC ACID	97610	C6 . H12. O2	116
564	BENZOIC ACID, 1-METHYLETHYLESTER	939480	C10. H12. O2	164
565	BETA-METHYL-BENZENEBUTANOIC ACID	7315686	C11. H14. O2	178
566	1,6-DIMETHYL-4-(1-METHYLETHYL)-NAPHTHALENE	483763	C15. H18	198
567	XPHOSPHORIC ACID, TRIETHYLESTER	78400	C6 . H15. O4 . P1	182
568	XCYCLOHEXANONE	108941	C6 . H10. O1	98
569	ACETIC ACID ETHENYL ESTER	108054	C4 . H6 . O2	86
570	5-METHYL-2-(1-METHYLETHYL) CYCLOHEXANONE	18458147	C10. H18. O1	154
571	1-METHYL-5-(3-PYRIDINYL)-2-PYRROLIDINONE	486566	C10. H12. N2 . O1	176
572	4-METHOXYBENZOIC ACID	100094	C8 . H6 . O3	152
573	XPENTANEDIOIC ACID	110941	C5 . H8 . O4	132
574	1-PHTHALAZINEAMINE	19064698	C8 . H7 . N3	145
575	3-METHYLPENTANEDIOIC ACID	626517	C6 . H10. O4	146
576	X2,2-DICHLOROPROPANOIC ACID	75990	C3 . H4 . O2 .CL2	142
577	~~EICOSANE~~	~~112950~~	~~C20. H42~~	~~282~~
578	~~7-HEXYLTRIDECANE~~	~~7225663~~	~~C19. H40~~	~~268~~
579	2,3-DIHYDRO-1,1,3-TRIMETHYL-3-PHENYL-1H-INDENE	3910358	C18. H20	236
580	TRICOSANE	638675	C23. H48	324
581	~~TETRACOSANE~~	~~646311~~	~~C24. H50~~	~~338~~
582	~~PENTACOSANE~~	~~629992~~	~~C25. H52~~	~~352~~
583	3,7-DIMETHYL-3-OCTANOL	78693	C10. H22. O1	158
584	HEPTADECANOIC ACID, METHYL ESTER	1731926	C18. H36. O2	284
585	5,5-DIMETHYL-2(5H)-FURANONE	20019641	C6 . H8 . O2	112

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

		SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
586		3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	1123097	C8 . H12. O1	124
587		2,3-DIHYDRO-1H-INDEN-1-ONE	83338	C9 . H8 . O1	132
588		NONYL PHENOL ISOMER	11066492	C15. H24. O1	220
589		4-(1-METHYLOCTYL)PHENOL	17404669	C15. H24. O1	220
590		2-[2-(2-METHOXYETHOXY)ETHOXY]-ETHANOL	112356	C7 . H16. O4	164
591	X+	2,4-DIMETHYLPHENOL	105679	C8 . H10. O1	122
592		2-HEXENOIC ACID	1191844	C6 . H10. O2	114
593		3-PENTANONE	96220	C5 . H10. O1	86
594		5-METHYL-2-HEXANONE	110123	C7 . H14. O1	114
595		1-(1-CYCLOHEXEN-1-YL)-2-PROPANONE	768503	C9 . H14. O1	138
596		2-BUTYL-3-METHYLOXIRANE	14929963	C7 . H14. O1	114
597		3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	24156954	C8 . H12. O1	124
598		5-ETHYLDIHYDRO-2(3H)-FURANONE	695067	C6 . H10. O2	114
599		6-METHYL-3-ISOPROPYL-2-CYCLOHEXEN-1-ONE	499741	C10. H16. O1	152
600		5-PHENYL-2-PENTANONE	2235838	C11. H14. O1	162
601		OCTYL PHENOL	500	C14. H22. O1	206
602		5-(PENTYLOXY)-2-PENTENE	56852858	C10. H20. O1	156
603		.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE ACETIC ACID	515388	C9 . H10. O3	166
604		1-PHENYL-2-BUTANONE	1887325	C10. H12. O1	148
605		2-BUTYLOCTANOL	3913028	C12. H26. O1	186
606		5-METHYL-1(3H)-ISOBENZOFURANONE	54128648	C9 . H8 . O2	148
607		3-METHYL BUTANAMIDE	541468	C5 . H11. N1 . O1	101
608		HEXAHYDRO-2H-AZEPINE-2-ONE	185682	C6 . H11. N1 . O1	113
609		P-CHLORO-2-NITROANILINE	89634	C6 . H5 . O2 . N2.CL1	172
610		ETHYLPHENOXYBENZENE	836148	C14. H14. O1	198
611		XPROPANEDIOIC ACID	141822	C3 . H4 . O4	104
612		4-METHYLPHENYLPENTANOIC ACID	59894712	C12. H16. O2	192
613		$1,2-BENZENEDICARBOXYLIC ACID, ISOBUTYL METHYL ESTER	1004	C13. H16. O4	236
614		$1,2-BENZENEDICARBOXYLIC ACID, SEC-BUTYL METHYL ESTER	1006	C13. H16. O4	236
615		2-ETHYL-1,4-DIMETHYL BENZENE	1758889	C10. H14	134
616	X+	$1,3-DICHLOROBENZENE	541731	C6 . H4 .CL2	146
617		OXYBIS(METHOXYMETHANE)	628988	C4 . H10. O3	106
618		X2,6-DIMETHYLPYRIDINE	108485	C7 . H9 . N1	107
619		X3-CHLOROBENZENAMINE	108429	C6 . H6 . N1 .CL1	127
620	X	$2,3,4,6-TETRACHLOROPHENOL	58902	C6 . H2 . O1 .CL4	230
621	X	$2,4,5-TRICHLOROPHENOL	95954	C6 . H3 . O1 .CL3	196
622		3-(1,1-DIMETHYLETHYL) PHENOL	585342	C10. H14. O1	150
623		2-METHOXYETHANOL	109864	C3 . H8 . O2	76
624		~~BICYCLO[2.2.2]OCTANE~~	~~280331~~	~~C8 . H14~~	~~110~~
625		1, 5-DIMETHOXYPENTANE	111897	C7 . H16. O2	132
626		~~BICYCLO[7.1.0]DECANE~~	~~296760~~	~~C10. H18~~	~~138~~
627		1-HEPTADECENE	6765395	C17. H34	238
628		1-OCTADECENE	112889	C18. H36	252
629		1,3-BUTANEDIOL	107888	C4 . H10. O2	90
630		5-METHOXY-1-PENTANOL	4799626	C6 . H14. O2	118

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2H L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1N B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
631	METHYLPROPYLBENZENE	285	C10. H14	134
632	METHYLPROPYLBENZENE	286	C10. H14	134
633	2,7-DIMETHYLNAPHTHALENE	582161	C12. H12	156
634	1,2,8-TRIMETHYLNAPHTHALENE	3876979	C13. H14	170
635	DIMETHYLNAPHTHALENE	302	C12. H12	156
636	1,3-DIMETHYLNAPHTHALENE	575617	C12. H12	156
637	OCTENAL (ISOMER UNKNOWN)	25447692	C8 . H14. O1	126
638	2-CYCLOHEXYLPHENOL	119426	C12. H16. O1	176
639	X1,7,7-TRIMETHYLBICYCLO(2.2.1) HEPTAN-2-OL ACETATE	76493	C12. H20. O2	196
640	X2,6-DIMETHYLQUINOLINE	877438	C11. H11. N1	157
641	2-(1-METHYLETHOXY)BUTANE	18641811	C7 . H16. O1	116
642	2,6-DIMETHYLHEPTANOIC ACID	60148949	C9 . H18. O2	158
643	2-METHOXY-3-METHYL-2-BUTENOIC ACID	58973185	C6 . H10. O3	130
644	3,6-DIMETHYLOCTANOIC ACID	4812297	C10. H20. O2	172
645	4-OXO-PENTANOIC ACID	123762	C5 . H8 . O3	116
646	X2,2,2-TRICHLOROETHANOL	115208	C2 . H3 . O1 .CL3	148
647	9-DODECENOIC ACID	2382403	C12. H22. O2	198
648	2,3,3-TRIMETHYL-3H-INDOLE	1640397	C11. H13. N1	159
649	$2-CHLOROPHENOL	95578	C6 . H5 . O1 .CL1	128
650	XTETRAMETHYLUREA	632224	C5 . H12. N2 . O1	116
651	TETRAHYDRO-2,2,5,5-TETRAMETHYLFURAN	15045439	C8 . H16. O1	128
652	5-METHYL-4-OXOHEXANOIC ACID	41654048	C7 . H12. O3	144
653	ALPHA-(ACETYLOXY)-ALPHA-METHYLBENZENEACETIC ACID	10487920	C11. H12. O4	208
654	2,5,8-TRIMETHYL-1-NAPHTHOL	33563027	C13. H14. O1	186
655	1,4-DIMETHYL-2-ETHENYLBENZENE	2039896	C10. H12	132
656	1-(3-BUTOXYPROPOXY)-2-PROPANOL	35075242	C10. H22. O3	190
657	2-METHYLPYRIDINE	109068	C6 . H7 . N1	93
658	X1-(2-FURANYL)ETHANONE	1192627	C6 . H6 . O2	110
659	3-METHYL-1(3H)-ISOBENZOFURANONE	3453643	C9 . H8 . O2	148
660	7-METHYL-3(2H)-BENZOFURANONE	669045	C9 . H8 . O2	148
661	1-BUTYLTHIO-3-METHYLBENZENE	54576419	C11. H16. S1	180
662	TETRAHYDRO-2H-PYRAN-2-METHANOL	100721	C6 . H12. O2	116
663	~~3-ETHYL-4-METHYLHEXANE~~	~~3074779~~	~~C9 . H20~~	~~128~~
664	~~3,7-DIMETHYLOCTANE~~	~~1072168~~	~~C10. H22~~	~~142~~
665	2,2-DICHLORO-3-METHYLBUTANE	17773669	C5 . H10.CL2	140
666	1,6-HEXANEDIOL	629118	C6 . H14. O1	118
667	BICYCLO(2.2.1)HEPT-2-EN-7-OL	53783872	C7 . H10. O1	110
668	2-HEXENAL	505577	C6 . H10. O1	98
669	2,6-DIMETHYL-2-HEPTEN-4-ONE	16525056	C9 . H16. O1	140
670	2,2-DIMETHYL-3-PENTANOL	3970625	C7 . H16. O1	116
671	4-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID	4342603	C8 . H12. O2	140
672	2-ETHYL-2-METHYLBUTANOIC ACID	19889373	C7 . H14. O2	130
673	4-METHYL-2-PHENYLQUINOLINE	4789768	C16. H13. N1	219
674	1-(PHENYLMETHYL)ISOQUINOLINE	6907591	C16. H13. N1	219
675	1,4,5,6-TETRAHYDRO-1,2,4-TRIMETHYLPYRIMIDINE	53517923	C7 . H14. N2	126

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
676	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE	19615271	C7 . H11. N1 . O1	125
677	2-[2-(CYCLOHEXYLOXY)ETHOXY]ETHANOL	25961846	C10. H20. O3	188
678	$1,2-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER	131168	C14. H18. O4	250
679	7-NONENOIC ACID	1022	C9 . H16. O2	156
680	ISOINDOLE-1,3-DIONE	85416	C8 . H5 . N1 . O2	147
681	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	2007	C7 . H10. O4	158
682	TRICOSANOIC ACID	2009	C23. H46. O2	354
683	1,2,3,4,5,6,7,8,8-NONACHLORO-3A,4,7,7A-TETRAHYDRO-4,7-METHANOINDENE	21641703	C10. H3 .CL9	438
684	2-PENTANOL	6032297	C5 . H12. O2	88
685	%1-OCTANOL	111875	C8 . H18. O1	130
686	%ALPHA,ALPHA-DIMETHYLBENZENEMETHANOL	617947	C9 . H12. O1	136
687	%1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	123331	C4 . H4 . N2 . O2	112
688	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	17092921	C11. H16. O2	180
689	3-ETHOXY-1(3H)-ISOBENZOFURANONE	16824025	C10. H10. O3	178
690	2-ISOPROPYLTHIOPHENE	1689787	C8 . H12. S1	140
691	3-(2-HYDROXYPROPYL)-5-METHYL-2-OXAZALIDINONE	3375846	C7 . H13. N1 . O3	159
692	3-METHYLOCTAHYDROPENTALENE-1-CARBOXYLIC ACID	28645036	C10. H16. O2	168
693	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE	33993349	C10. H16. O2	168
694	2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANE CARBOXYLIC ACID	32511061	C10. H16. O2	168
695	4-ISOPROPOXYBUTYRIC ACID	146	C7 . H14. O3	146
696	ISOSTEARIC ACID	5638120	C18. H36. O2	284
697	ISOEICOSANOIC ACID	3121	C20. H40. O2	312
698	3,4-DIMETHOXYBENZALDEHYDE	120149	C9 . H10. O3	166
699	HENEICOSANIC ACID	2363715	C21. H42. O2	326
700	PENTACOSANOIC ACID	506387	C25. H50. O2	382
701	HEXACOSANOIC ACID	506467	C26. H52. O2	396
702	OCTACHLOR	5103742	C10. H6 .CL8	406
703	2,2-DIMETHYL-1-PROPANOL	75843	C5 . H12. O1	88
704	4-METHOXY-5-METHYL-4-CYCLOPENTEN-1,3-DIONE	7180623	C7 . H8 . O3	140
705	N-(2-METHYLPHENYL)FORMAMIDE	94699	C8 . H9 . N1 . O1	135
706	3-METHYLPENTANAL	15877573	C6 . H12. O1	100
707	%1-DODECANOL	112538	C12. H26. O1	186
708	BENZOIC ACID, PENTYL ESTER	2049969	C12. H16. O2	192
709	TETRAPROPYLENE GLYCOL	1377	C12. H26. O5	250
710	TETRAPROPYLENE GLYCOL	1378	C12. H26. O5	250
711	TETRAPROPYLENE GLYCOL	1379	C12. H26. O5	250
712	%1-CHLORO-2-PROPANONE	78955	C3 . H5 . O1 .CL1	92
713	1,4-BENZOTHIAZIN-3-ONE	5325202	C8 . H7 . N1 . O1 . S1	165
714	5-METHYL-1-HEXANOL	627985	C7 . H16. O1	116
715	CYCLOHEXANECARBOXYLIC ACID	98895	C7 . H12. O2	128
716	DODECANEDIOIC ACID	693232	C12. H22. O4	230
717	%2-ETHOXYETHANOL	110805	C4 . H10. O2	90
718	3-HYDROXYNONANOIC ACID	33796871	C9 . H18. O3	174
719	P-BROMOBENZOIC ACID	586765	C7 . H5 . O2 .BR1	200
720	2,4-DIBROMOBENZOIC ACID	611007	C7 . H4 . O2 .BR2	278

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
721	2,4,6-TRIBROMOPHENOL	2001	C6 . H3 . O1 .BR3	328
722	4-PHENYL-4-OXOBUTYRIC ACID	3333	C10. H10. N3 . O3	178
723	4(2,5-XYLYL)BUTYRIC ACID	127	C12. H16. O2	192
724	2,5-DI(CHLOROMETHYL)-3-ETHYL BENZOIC ACID	128	C10. H14. O2 .CL2	236
725	N-ETHYL-4-METHYL-2-PENTANEAMINE	42966643	C8 . H19. N1	129
726	ACETIC ACID, 2-METHYL PHENYL ESTER	533186	C9 . H10. O2	150
727	5-HEXEN-2-OL	54774275	C6 . H12. O1	100
728	DIHYDRO-5-METHYL-2(3H)-FURANONE	108292	C5 . H8 . O2	100
729	2,2-DIETHYL-1,3-PROPANEDIOL	115764	C7 . H16. O2	132
730	P-ETHYLPHENOL	123079	C8 . H10. O1	122
731	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER	1603798	C10. H10. O3	178
732	3-(DICHLOROMETHYL)-4,6-BIS(1,1-DIMETHYLETHYL)-3,5-CYCLOHEXDIENE-1,2-DIONE	264	C15. H20. O2 .CL2	302
733	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	20547993	C9 . H14. O2	154
734	CYCLOPENTANE CARBOXYLIC ACID, VINYL ESTER	16523061	C8 . H12. O2	140
735	2,2-DICHLOROBUTANOIC ACID	13023002	C4 . H6 . O2 .CL2	156
736	2,3,3-TRICHLORO-2-PROPENOIC ACID	2257354	C3 . H1 . O2 .CL3	174
737	2-METHOXY-2-HEXENOIC ACID	144	C7 . H12. O3	144
738	2-HEPTEN-1-OL	33467764	C7 . H14. O1	114
739	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	20324327	C7 . H16. O3	148
740	ABIETIC ACID	624	C20. H30. O2	302
741	2,4,6-TRICHLOROBENZENAMINE	534935	C6 . H4 . N1 .CL3	195
742	PENTADECANOIC ACID, METHYL ESTER	7132641	C16. H32. O2	256
743	2,3-DICHLORO-2-METHYLBUTANE	507459	C5 . H10.CL2	140
744	%+1,2-DIHYDROACENAPHTHALENE	83329	C12. H10	154
745	3-PENTANOL	584021	C5 . H12. O2	88
746	2-METHYLFURAN	534225	C5 . H6 . O1	82
747	1-(2-PROPENYLOXY)HEPTANE	16519247	C10. H20. O1	156
748	3-METHYL-4-(2,5-XYLYL) BUTYRIC ACID	30275764	C13. H18. O2	206
749	%2-METHYL-5-(1-METHYLETHYL)-PHENOL	499752	C10. H14. O1	150
750	%$1,2-DIMETHYLBENZENE	95476	C8 . H10	106
751	1,2,3,4-TETRAHYDRONAPHTHALENE	119642	C10. H12	132
752	1-METHYL-7-(1-METHYL ETHYL)-NAPHTHALENE	490653	C14. H16	184
753	%+9H-FLUORENE	86737	C13. H10	166
754	1,2,3,4-TETRAMETHYL BENZENE	488233	C10. H14	134
755	2-METHYL-1,1+-BIPHENYL	643583	C13. H12	168
756	METHYL-(2-METHYLPROPYL) BENZENE	100	C11. H16	148
757	C5 BENZENE	118	C11. H16	148
758	C6-BENZENE	250	C12. H18	162
759	C5 BENZENE	119	C11. H16	148
760	ETHYL-TRIMETHYL BENZENE	113	C11. H16	148
761	METHYL-DIETHYLBENZENE	108	C11. H16	148
762	DIMETHYL-(1-METHYLETHYL)BENZENE	104	C11. H16	148
763	DIMETHYL-(1-METHYLETHYL)BENZENE	105	C11. H16	148
764	DIMETHYL INDAN	617	C11. H14	146
765	5-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	2809645	C11. H14	146

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1N B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
766	(1-METHYLDECYL)BENZENE	4536883	C17. H28	232
767	C3 NAPHTHALENE	315	C13. H14	170
768	TRIMETHYLNAPHTHALENE	316	C13. H14	170
769	1-ETHYL-4-METHYL BENZENE	622968	C9 . H12	120
770	2-ETHENYL-1,3-DIMETHYLBENZENE	2839909	C10. H12	132
771	2,3-DIHYDRO-1H-INDENE	496117	C9 . H10	118
772	1,3-DIETHYL BENZENE	141935	C10. H14	134
773	(1-METHYLPENTYL)BENZENE	6031023	C12. H18	162
774	1,2,3,4-TETRAHYDRO-4,9-DIMETHYL ACRIDINE	55030654	C15. H17. N1	211
775	X*+1,2-BENZPHENANTHRENE	218019	C18. H12	228
776	(2,2-DIMETHYLBUTYL)BENZENE	28058866	C12. H18	162
777	1,4-DIETHYL-2,3,5,6-TETRAMETHYL BENZENE	33962139	C14. H22	190
778	1-BUTYLNAPHTHALENE	1634099	C14. H16	184
779	2,3-DIHYDRO-1,5,7-TRIMETHYL-1H-INDENE	54340884	C12. H16	160
780	1,2,3,5,6,7-HEXAHYDRO-1,1,2,7,7,8-HEXAMETHYL-S-INDACENE	17465586	C18. H26	242
781	BENZO(GHI)FLUORANTHENE	203123	C18. H10	226
782	1,1+-DIMETHYLENEBIS-BENZENE	101815	C13. H12	168
783	(1-METHYLPROPYL) BENZENE	135988	C10. H14	134
784	X2,3-DIMETHYLNAPHTHALENE	581408	C12. H12	156
785	TRIMETHYLNAPHTHALENE	317	C13. H14	170
786	C3 NAPHTHALENE	318	C13. H14	170
787	2-METHYL-9H-FLUORENE	1438973	C14. H12	180
788	X2-METHYL ANTHRACENE	613127	C15. H12	192
789	1-(1,1-DIMETHYLETHYL)NAPHTHALENE	17865915	C14. H16	184
790	X5-METHYL-2-(1-METHYLETHYL)-CYCLOHEXANOL	89781	C10. H20. O1	156
791	X1,1+-OXYBIS(BUTANE)	142961	C8 . H18. O1	130
792	3,3,5-TRIMETHYLCYCLOHEXANONE	873949	C9 . H16. O1	140
793	X4-METHYL-1-(1-METHYLETHYL)-BICYCLO(3.1.0)HEXAN-3-OL	513235	C10. H18. O1	154
794	4-METHYL-1-(1-METHYLETHYL)ACETATE-3-CYCLOHEXEN-1-OL	4821049	C12. H20. O2	196
795	1,1+-(1,4-PHENYLENE)BIS-ETHANONE	1009616	C10. H10. O2	162
796	3-HEXENE-2,5-DIOL	7319235	C6 . H12. O2	116
797	1,1+-(1,2-ETHENDIYL)BIS(4-METHOXYBENZENE)	4705344	C16. H16. O2	240
798	2-(1,1-DIMETHYLETHYL)PHENOL	88186	C10. H14. O1	150
799	14-METHYL HEXADECANOIC ACID, METHYL ESTER	2490495	C18. H36. O2	284
800	2-METHYL-1-PENTEN-3-OL	2088075	C6 . H12. O1	100
801	1-METHOXYNAPHTHALENE	2216695	C11. H10. O1	158
802	*1-ETHENYL-2-METHYLBENZENE	611154	C9 . H10	118
803	4,7,10-TRIMETHYL-2,5,8,11-TETRAOXATETRADECAN-13-OL	20324349	C13. H28. O5	264
804	ACETIC ACID, 3-METHOXYPHENYL ESTER	1024	C9 . H10. O3	166
805	3,3,4-TRIMETHYLOCTANE	49622186	C13. H28	184
806	2-[2-(2-ETHOXYETHOXY)ETHOXY]ETHANOL	112505	C8 . H18. O4	178
807	2-METHYL-1,2-BENZISOTHIAZOLE-3(2H)-ONE 1,1-DIOXIDE	15468994	C8 . H7 . N1 . O3 . S1	197
808	3-METHYL-2-OXOPENTANOIC ACID	1460340	C6 . H10. O3	130
809	TRANS-3-HEPTENOIC ACID	29901857	C7 . H12. O2	128
810	PENTACHLOROPYRIDINE	2176627	C5 . N1 .CL5	249

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1N B1M

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
811	~~PENTADECANE~~	~~629629~~	~~C15. H32~~	~~212~~
812	~~HEPTADECANE~~	~~629787~~	~~C17. H36~~	~~240~~
813	~~NONADECANE~~	~~629925~~	~~C19. H40~~	~~268~~
814	1-(2-METHYLPROPYL)NAPHTHALENE	16727916	C14. H16	184
815	2,3-DIHYDRO-1,1,2-TRIMETHYL-1H-INDENE	33508020	C18. H20	236
816	~~OCTADECANE~~	~~593453~~	~~C18. H38~~	~~254~~
817	2,3-DIHYDRO-1,2,3-TRIMETHYL-1-PHENYL-1H-INDENE, STERIOSOMER	33603393	C18. H20	236
818	2,3-DIHYDRO-1,2,3-TRIMETHYL-1-PHENYL-1H-INDENE, STERIOISOMER	33611164	C18. H20	236
819	~~HEXACOSANE~~	~~630013~~	~~C26. H54~~	~~366~~
820	~~HEPTACOSANE~~	~~593497~~	~~C27. H56~~	~~380~~
821X*+	$HEXACHLOROBENZENE	118741	C6 .CL6	282
822	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	C9 . H14. O1	138
823	~~1-UNDECYNE~~	~~1004-78~~	~~C11. H20~~	~~152~~
824	~~5-UNDECYNE~~	~~2243983~~	~~C11. H20~~	~~152~~
825	XN-(3-METHYLPHENYL)ACETAMIDE	537928	C9 . H11. N1 . O1	149
826	ISONONYLPHENOL	510	C15. H24. O1	220
827	XPHENOXYMETHYL OXIRANE	122601	C9 . H10. O2	150
828	4,7-DIMETHYLBENZOFURAN	28715266	C10. H10. O1	146
829	(1,2-DICHLOROETHYL)BENZENE	1074119	C8 . H8 .CL2	174
830	2-CYCLOHEXEN-1-OL	822673	C6 . H10. O1	98
831	X2-(4-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID,ETHYL ESTER	637070	C12. H15. O3 .CL1	242
832	X1,2-ETHANEDIOL	107211	C2 . H6 . O2	62
833	1,3,5-TRICHLORO-2-METHOXYBENZENE	87401	C7 . H5 . O1 .CL3	210
834X*+	$1,4-DICHLOROBENZENE	106467	C6 . H4 .CL2	146
835	4-BUTOXYBUTANOIC ACID, METHYL ESTER	29006062	C9 . H18. O3	174
836	*PHOSPHORIC ACID, TRIS(3-METHYLPHENYL) ESTER	563042	C21. H21. O4 . P1	368
837	3-METHYLHEXANEDIOIC ACID	61698586	C7 . H12. O4	160
838	(1-METHYLETHYL) METHYLBENZENE (ISOMER UNKNOWN)	208	C10. H14	134
839	(1-METHYLETHYL) METHYLBENZENE	209	C10. H14	134
840X*+	$1,2,4-TRICHLOROBENZENE	120821	C6 . H3 .CL3	180
841	1,2,4-TRIMETHYL ETHYL BENZENE	54120626	C11. H16	148
842	2,4,5-TRIMETHYLETHYL BENZENE	17851273	C11. H16	148
843	DIETHYL METHYL BENZENE	25550134	C11. H16	148
844	2,4,6-TRIMETHYLPYRIDINE	108758	C8 . H11. N1	121
845	BENZONITRILE	100470	C7 . H5 . N1	103
846	5-METHYL-2-PYRIDINEAMINE	1603414	C6 . H8 . N2	108
847	TRANS-2-ETHYL-3-PROPYLOXIRANE	56052950	C7 . H14. O1	114
848	1-METHOXY-4-METHYLBENZENE	104938	C8 . H10. O1	122
849	2,3,4-TRIMETHYLOXETANE	53778613	C6 . H12. O1	100
850	2,5-DIMETHYLTETRAHYDROFURAN	1003389	C6 . H12. O1	100
851	4-BROMO-3-PHENYLSYDNONE	13183090	C8 . H5 . N2 . O2 .BR1	240
852	3,8-DIMETHYL-5-(1-METHYLETHYL)-1,2-NAPHTHALENEDIONE	5574345	C15. H16. O2	228
853	CHLORDIODOMETHANE	593715	C1 . H2 .CL1 . I1	176
854	1-METHYL-4-(1-METHYLETHENYL)-CYCLOHEXENE	138863	C10. H16	136
855	1-(2-BROMOETHYL)-4-CHLOROBENZENE	6529539	C8 . H8 .BR1 .CL1	218

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
856	3,4,5,6-TETRAMETHYLPHENANTHRENE	7343068	C18. H18	234
857	2,4,5,7-TETRAMETHYLPHENANTHRENE	7396385	C18. H18	234
858	(2-BROMOCYCLOPROPYL)BENZENE	36617024	C9 . H9 .BR1	196
859	OCTAHYDROAZOCINE	1121922	C7 . H15. N1	113
860	3-METHYL-6-(1-METHYLETHYL)-2-CYCLOHEXEN-1-ONE	89816	C10. H16. O1	152
861	BENZOFURAN	271896	C8 . H6 . O1	118
862	3-(4-METHYLPHENYL)-2-PROPENOIC ACID	1866393	C10. H10. O2	162
863	N-HEXYLBUTANAMIDE	10264172	C10. H21. N1 . O1	171
864	4H-PYRAN-4-ONE	108974	C5 . H4 . O2	96
865	5-DECANONE	820291	C10. H20. O1	156
866	3,3-DIMETHYL-2-HEXANONE	26118387	C8 . H16. O1	128
867	4-METHYLHEXANAL	41065978	C7 . H14. O1	114
868	~~%SULFURIC ACID, DIMETHYL ESTER~~	~~77781~~	~~C2 . H6 . O4 . S1~~	~~126~~
869	%2-METHOXYPHENOL	90051	C7 . H8 . O2	124
870	1-VALERYLPYRROLIDINE	4419572	C9 . H17. N1 . O1	155
871	1-ETHYL-2,5-PYRROLIDINEDIONE	2314785	C6 . H9 . N1 . O2	127
872	HEXANOIC ACID, METHYL ESTER	106707	C7 . H14. O2	130
873	1-ACETYLPIPERIDINE	618428	C7 . H13. N1 . O1	127
874	2-PROPYLPIPERIDINE (S)	458888	C8 . H17. N1	127
875	ACETIC ACID, HEPTYL ESTER	112061	C9 . H18. O2	158
876	3-HEPTANONE	106354	C7 . H14. O1	114
877	4-HEPTANOL	589559	C7 . H16. O1	116
878	1-HEPTANOL	111706	C7 . H16. O1	116
879	TRANS-2-METHYLCYCLOPENTANOL	25144041	C6 . H12. O1	100
880	~~PHOSPHORIC ACID~~	~~7664~~	~~H3 . O4 . P1~~	~~98~~
881	%1,1#-OXYBISBENZENE	101848	C12. H10. O1	170
882	2,4,5-TRICHLOROBENZENEAMINE	636306	C6 . H4 . N1 .CL3	195
883	1,5-DIPHENYL-3-PENTANONE	5396918	C17. H18. O1	238
884	4-PHENYLBICYCLOHEXYL	20273272	C18. H26	242
885	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE	24035505	C20. H28. O1	284
886	2,3-DIMETHYL PYRIDINE	583619	C7 . H9 . N1	107
887	%N,4-DIMETHYLBENZENESULFONAMIDE	640619	C8 . H11. N1 . O2 . S1	185
888	4-METHYL-1,2-BENZENEDICARBOXYLIC ACID	4316238	C9 . H6 . O4	180
889	4,6-DIMETHYLNONANOIC ACID	19943716	C11. H22. O2	186
890	%1-CHLORO-2-NITROBENZENE	88733	C6 . H2 . N1 . O2 .CL1	157
891	DIMETHYLFLUORENE	4612639	C15. H14	194
892	4-METHYLPHENANTHRENE	832644	C15. H12	192
893	1,2,3,4-TETRACHLOROBUTANE	3405600	C4 . H6 .CL4	194
894	%3-METHYLPHENANTHRENE	832713	C15. H12	192
895	%1-PENTANOL	71410	C5 . H12. O1	88
896	%DIMETHOXYMETHANE	109875	C3 . H8 . N2	76
897	4-PENTEN-2-OL	625310	C5 . H10. O1	86
898	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE	3883587	C7 . H10. O2	126
899	5-DODECANONE	19780180	C12. H24. O1	184
900	%QUINOLINE	91225	C9 . H7 . N1	129

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C E1P C1M C1N C2N R1C R2C E1C O2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
901	TETRAPROPYLENE GLYCOL	1376	C12. H26. O3	218
902	N-ETHYL-2-BENZOTHIAZOLAMINE	28291692	C9 . H10. N2 . S1	178
903	N,N-DIMETHYLBENZYLAMINE	103833	C9 . H13. N1	135
904	DIMETHYLCYCLOHEXANE DIONE	126818	C8 . H12. O2	140
905	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	144194	C8 . H18. O2	146
906	DODECANOIC ACID METHYL ESTER	111820	C13. H26. O2	214
907	TETRADECANOIC ACID, ETHYL ESTER	124061	C16. H32. O2	256
908	6-METHOXY-2-HEXANONE	29006006	C7 . H14. O2	130
909	6-METHYL-2-HEPTANONE	928687	C8 . H16. O1	128
910	1,2-DIAZABICYCLO(2.2.2.)OCTAN-3-ONE	1632264	C6 . H10. N2 . O1	126
911	2-METHOXY-10-UNDECENOIC ACID	214	C12. H22. O3	214
912	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	15356748	C11. H16. O2	180
913	1-PROPOXY-2-PROPANOL	1569013	C6 . H14. O2	118
914	2-ETHYLHEPTANOIC ACID	3274291	C9 . H18. O2	158
915	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE	115673	C6 . H9 . N1 . O3	143
916	%3,5-DICHLOROPHENOL	591355	C6 . H4 . O1 .CL2	162
917	BROMOCHLOROBENZOIC ACID	25638146	C7 . H4 . O2 .BR1 .CL1	234
918	16-HYDROXY PALMITIC ACID	506138	C16. H32. O3	272
919	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE CARBOXILIC ACID, METHYL ESTER	3650042	C17. H22. O2	258
920	4,6-DIMETHYL OCTANOIC ACID	2553968	C10. H20. O2	172
921	5-METHYL-2-HEPTANONE	18217124	C8 . H16. O1	128
922	2-METHYLENEBUTANOIC ACID	3586581	C5 . H8 . O2	100
923	(P-AMINOPHENYL)-T-BUTYRIC ACID	15118602	C10. H13. N1 . O2	179
924	5-ETHENYLTETRAHYDRO-.ALPHA.,.ALPHA.,5-TRIMETHYL-2-FURANMETHANOL	5989333	C10. H18. O2	170
925	6-METHYL-3,5-HEPTADIEN-2-ONE	16547044	C8 . H12. O1	124
926	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL	14049117	C10. H18. O2	170
927	2-METHYL-2-HEPTEN-4-ONE	22319240	C8 . H14. O1	126
928	3,4-DIMETHYL-2,5-FURANDIONE	766392	C6 . H6 . O3	126
929	%CARBONIC ACID, DIETHYL ESTER	105588	C5 . H10. O3	118
930	4,4-DICHLOROBUTENOIC ACID	16502888	C4 . H4 . O2 .CL2	154
931	5-ETHYL-2,4,6-PYRIMIDINETRIONE	2518721	C6 . H8 . N2 . O3	156
932	2-BROMO-1,2-DICHLOROPROPANE	17759885	C3 . H5 .BR1 .CL2	190
933	DICHLOROACETIC ACID, METHYL ESTER	116541	C3 . H4 . O2 .CL2	142
934	3-OCTEN-2-ONE	1669449	C8 . H14. O1	126
935	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	28790865	C8 . H12. O1	124
936	5,5-DIMETHYLFURANONE	137	C6 . H8 . O2	148
937	5-HEPTEN-2-ONE	6714007	C7 . H12. O1	112
938	N-METHYL-2-PIPERIDINONE	931204	C6 . H11. N1 . O1	113
939	3,4-DIMETHYL-3-PENTEN-2-ONE	684946	C7 . H12. O1	112
940	9,11-OCTADECADIENOIC ACID, METHYL ESTER	13038476	C19. H34. O2	294
941	N-BENZOYL-L-ALANINE, METHYL ESTER	7244679	C11. H13. N1 . O3	207
942	9,12-OCTADECADIENOIC ACID	60333	C21. H38. O2	322
943	1-HEXANOL	111273	C6 . H14. O1	102
944	1,1,2,3-TETRACHLOROPROPANE	18495302	C3 . H4 .CL4	180
945	6-PHENYL-2-HEXANONE	14171892	C12. H16. O1	176

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
946	3-PENTEN-2-ONE	625332	C5 . H8 . O1	84
947	3-METHYL-2-BUTEN-1-OL	556821	C5 . H10. O1	86
948	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL	54063148	C7 . H14. O3	146
949	3,3',4,4'-TETRAMETHYL-1,1'-BIPHENYL	4920950	C16. H18	210
950	3,3',4,4',5,5'-HEXAMETHYL-1,1'-BIPHENYL	56667017	C18. H22	238
951	B1-PHENYLPROPANE	103651	C9 . H12	120
952	2,3-DIHYDRO-4,5,7-TRIMETHYL-1H-INDENE	6682860	C12. H16	160
953	1,4-DIMETHYL-2-(2-METHYLPROPYL) BENZENE	55669880	C12. H18	162
954	CYCLOHEXYL BENZENE	827521	C12. H16	160
955	1-ETHYLNAPHTHALENE	1127760	C12. H12	156
956	1,3,5,-TRIS(1,1-DIMETHYLETHYL) BENZENE	1460822	C18. H30	246
957	1,1,4,5,5,8-HEXAMETHYL-5-HYDRINDALENE	17465597	C18. H26	242
958	2,2-DIMETHYL PROPYL BENZENE	1007267	C11. H16	148
959	(1,2,2-TRIMETHYLPROPYL) BENZENE	19262205	C12. H18	162
960	1-METHYL-2-(1-ETHYLPROPYL) BENZENE	54418741	C12. H18	162
961	(2-ETHYLBUTYL) BENZENE	19219853	C12. H18	162
962	9-ETHYL PHENANTHRENE	3674757	C16. H14	206
963	2,3-DIHYDRO-1,6-DIMETHYL-1H-INDENE	17059482	C11. H14	146
964	2,3-DIHYDRO-1,2-DIMETHYL-1H-INDENE	17057828	C11. H14	146
965	2,3-DIHYDRO-1,4,7-TRIMETHYL-1H-INDENE	54348873	C12. H16	160
966	1,2,4-TRIMETHYL PHENANTHRENE	25189642	C17. H16	220
967	2,9,10-TRIMETHYL ANTHRACENE	63018948	C17. H16	220
968	OCTYL BENZENE	2189688	C14. H22	190
969	2,3-DIHYDRO-1,1,3-TRIMETHYL-1H-INDENE	2613765	C12. H16	160
970	X9-METHYLANTHRACENE	779822	C15. H12	192
971	(2-METHYLPROPYL)BENZENE	538932	C10. H14	134
972	1-METHYL-3-(1-METHYLETHYL)BENZENE	535773	C10. H14	134
973	DIMETHYL ETHYL BENZENE	202	C10. H14	134
974	1,2,3,4-TETRAHYDRO-1,8-DIMETHYLNAPHTHALENE	25419334	C12. H16	160
975	1,2-DIMETHYL NAPHTHALENE	573988	C12. H12	156
976	1,2-DIHYDRO-METHYLACENAPHTHYLENE	58548382	C13. H12	168
977	XN-BUTYL-N-NITROSO-1-BUTANEAMINE	924163	C8 . H18. N2 . O1	158
978	3,3,3-TRICHLORO-1-PROPENE	2233083	C3 . H3 .CL3	144
979	1,1-DIMETHYLETHYLBENZENE	98066	C10. H14	134
980	4,6-DIMETHYL PYRIMIDINE	1558174	C6 . H8 . N2	108
981	2,3-DIMETHYL PYRAZINE	5910894	C6 . H8 . N2	108
982	1H-PYRAZOLE	288131	C3 . H4 . N2	68
983	PROPYLNAPHTHALENE	325	C13. H14	170
984	TRIMETHYLNAPHTHALENE	319	C13. H14	170
985	NONADECANOIC ACID, METHYL ESTER	1731948	C20. H40. O2	312
986	~~TRIDECANE~~	~~6809509~~	~~C13. H28~~	~~184~~
987	~~TETRADECANE~~	~~629594~~	~~C14. H30~~	~~198~~
988	X3-PHENYL-2-PROPEN-1-OL	104541	C9 . H10. O1	134
989	2-(1,1-DIMETHYLETHYL)NAPHTHALENE	2876359	C14. H16	184
990	2-METHYL-1-PROPYLNAPHTHALENE	54774699	C14. H16	184

(continued)

TABLE 14. (continued)

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COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2O G3C G4P G4N G4M G2N R1C R2C E1C D2N B2C B1N B4N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
991	ISONONYLPHENOL	911	C15. H24. O1	220
992	X1H-INDENE	95136	C9 . H8	116
993	(2-CHLOROETHENYL)BENZENE	622253	C8 . H7 .CL1	138
994	GAMMA-METHYLBENZENEBUTANOIC ACID, METHYL ESTER	24386238	C12. H16. O2	192
995	2-METHYLBENZAMIDE	6086	C8 . H9 . N1 . O1	135
996	X*3-NITROBENZENAMINE	99092	C6 . H6 . N2 . O2	138
997	4-(1,1-DIMETHYLETHYL)-2-METHYLPHENOL	98271	C11. H16. O1	164
998	1-METHYL-3-PROPYL BENZENE	1074437	C10. H14	134
999	3-METHYL-3-HEXANOL	597966	C7 . H16. O1	116
1000	1-PROPENYLBENZENE	637503	C9 . H10	118
1001	ETHENYLDIETHYLMETHYLSILANE	18292298	C7 . H16.SI1	128
1002	X1-CHLORO-3-NITROBENZENE	121733	C6 . H4 . N1 . O2 .CL1	157
1003	(1,4-CYCLOHEXADIEN-1-YL)BENZENE	1370521	C12. H12	156
1004	1,4-DIMETHYL-5-OCTYLNAPHTHALENE	55000538	C20. H28	268
1005	1-(2-PROPENYL)NAPHTHALENE	2489863	C13. H12	168
1006	3,4'-DIMETHYL-1,1'-BIPHENYL	7383906	C14. H14	182
1007	ETHYL(PHENYLMETHYL)BENZENE (ISOMER UNKNOWN)	425504541	C15. H16	196
~~1008~~	~~PENTATRIACONTANE~~	~~638079~~	~~C35. H72~~	~~492~~
~~1009~~	~~1-METHYL-4-[(4-METHYLPHENYL)METHYL]BENZENE~~	~~4957146~~	~~C15. H16~~	~~196~~
1010	1,2-DIMETHYL-4-(PHENYLMETHYL)BENZENE	13540562	C15. H16	196
1011	PENTYL BENZENE	538681	C11. H16	148
1012	2,3-DIHYDRO-5-METHYL-1H-INDENE	874351	C10. H12	132
1013	1,2,3,4-TETRAHYDRO-1-METHYLNAPHTHALENE	1559815	C11. H14	146
1014	X*PHOSPHORIC ACID, TRIPHENYL ESTER	115866	C18. H15. O4 . P1	326
1015	1-METHOXY-4-(2-PHENYLETHENYL) BENZENE	1142150	C15. H14. O1	210
1016	1,2,4-TRIS(1,1-DIMETHYLETHYL)BENZENE	1459116	C18. H30	246
1017	*1-(4-CHLOROPHENYL)ETHANONE	99912	C8 . H7 . O1 .CL1	154
1018	3-METHYL-2-HEXANOL	2313657	C7 . H16. O1	116
1019	1-ETHYL-4-(1-METHYLETHYL)BENZENE	4218488	C11. H16	148
1020	2,6-BIS(1,1-DIMETHYLETHYL)-1,2,3,4-TETRAHYDRONAPHTHALENE	42981760	C18. H28	244
1021	1,1,3-TRICHLORO-1-PROPENE	2567148	C3 . H3 .CL3	144
1022	TRANS-1-BROMO-2-CHLOROCYCLOPENTANE	14376820	C5 . H8 .BR1 .CL1	182
1023	7-ETHYLQUINOLINE	7661474	C11. H11. N1	157
1024	BETA,BETA-DIMETHYL-1H-IMIDAZOLE-4-ETHANAMINE	21158016	C7 . H13. N3	139
1025	3-CYCLOHEXYL-4-PENTEN-2-ONE	55702540	C11. H18. O1	166
~~1026~~	~~HEPTANE~~	~~1420025~~	~~C7 . H16~~	~~100~~
1027	2,6-DIMETHYL-4-HEPTANONE	108838	C9 . H18. O1	142
1028	5-METHYL-5-PHENYL-2-HEXANONE	14128611	C13. H18. O1	190
1029	4-DECANONE	624168	C10. H20. O1	156
1030	6-METHYL-2-PHENYLQUINOLINE	27356463	C16. H13. N1	219
1031	1-ACETYLHEXAHYDRO-1H-AZEPINE	5809416	C8 . H15. N1 . O1	141
1032	4-METHYL-3-HEXANOL	615292	C7 . H16. O1	116
1033	BUTANOIC ACID, HEXYL ESTER	2639636	C10. H20. O2	172
1034	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	93765	C8 . H5 . O3 .CL3	254
1035	*TRICHLOROBIPHENYL	25323686	C12. H7 .CL3	256

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1036	2,3,6-TRIMETHYLHEPTANE	4032933	C10. H22	142
1037	X*$1A,2A,3B,4A,5A,6B-HEXACHLOROCYCLOHEXANE	58899	C6 . H6 .CL6	288
1038	%*1-CHLORO-2-METHYLBENZENE	95498	C7 . H7 .CL1	126
1039	%*+$1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-4,7-METHANOINDENE	76448	C10. H5 .CL7	378
1040	*$TETRACHLOROBIPHENYL	26914330	C12. H6 .CL4	290
1041	*+$PENTACHLOROBIPHENYL + OTHER PCBS	800	C12. H5 .CL5	324
1042	*$HEXACHLORO-1,1#-BIPHENYL	26601649	C12. H4 .CL6	358
1043	X+$1,1-(DICHLOROETHENYLIDENE)BIS-4-CHLOROBENZENE	72559	C14. H8 .CL4	316
1044	%*+$1,1+-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-CHLOROBENZENE)	50293	C14. H9 .CL5	352
1045	DIBENZOTHIOPHENE	132650	C12. H8 . I1	184
1046	4-METHYLDIBENZOTHIOPHENE	7372885	C13. H10. S1	198
1047	XTETRACHLOROETHENE	127184	C2 .CL4	164
1048	1-ETHENYL-2-ETHYLBENZENE	7564638	C10. H12	132
1049	1,1,2,3,3-PENTACHLOROPROPANE	15104617	C3 . H3 .CL5	214
1050	1,6-DICHLORO-1,5-CYCLOOCTADIENE	29480420	C8 . H10.CL2	176
1051	2-ETHYL-1,1#-BIPHENYL	1812517	C14. H14	182
1052	1-METHYL-9H-FLUORENE	1738376	C14. H12	180
1053	5-METHYLBENZACRIDINE	3519877	C18. H13. N1	243
1054	3-HYDROXY-3-METHYL-2-BUTANONE	115220	C5 . H10. O2	182
1055	%2,4-DIMETHYLPYRIDINE	108474	C7 . H9 . N1	107
1056	2,5-DIMETHYLPYRIDINE	589935	C7 . H9 . N1	107
1057	2,4,5-TRIMETHYLPYRIDINE	1122390	C8 . H11. N1	121
1058	4-ETHYL-2,6-DIMETHYL PYRIDINE	36917369	C9 . H13. N1	135
1059	2,3,5-TRIMETHYLPYRIDINE	695987	C8 . H11. N1	121
1060	3-ETHYL-5-METHYLPYRIDINE	3999788	C8 . H11. N1	121
1061	2,3,6-TRIMETHYLPYRIDINE	1462846	C8 . H11. N1	121
1062	N,N-DIETHYLANILINE	91667	C10. H15. N1	149
1063	3-DODECANONE	1534276	C12. H24. O1	186
1064	4-ACETYLMORPHOLINE	1696204	C6 . H11. N1 . O2	129
1065	%2-METHYLQUINOLINE	91634	C10. H9 . N1	143
1066	2,3,4-TRIMETHYLQUINOLINE	2437721	C12. H13. N1	171
1067	TRIMETHYLQUINONE	1364	C12. H13. N1	171
1068	HEXANEDIOIC ACID, DIHEXYL ESTER	1759	C18. H34. O4	314
1069	%*4-NITROPHENOL	100027	C6 . H5 . N1 . O3	139
1070	3-CHLORO-2-BUTANOL	563468	C4 . H9 . O1 .CL1	108
1071	7-OXO-OCTANOIC ACID	14112382	C8 . H14. O3	158
1072	3-METHYLPIPERIDINE-2,6-DIONE	29553513	C6 . H9 . N1 . O2	127
1073	5-PROPYLDIHYDRO-2-FURANONE	105215	C7 . H12. O2	128
1074	3A,7A-DIMETHYL OCTAHYDRO-4-ISOBENZOFURANOL	54382580	C10. H18. O2	170
1075	~~UNDECANE~~	~~1120214~~	~~C11. H24~~	~~156~~
1076	3-METHYL-3-OCTANOL	5340363	C9 . H20. O1	144
1077	BROMODICHLOROANILINE	739	C6 . H4 . N1 .BR1 .CL2	239
1078	PROPANOIC ACID, HEPTYLESTER	2216811	C10. H20. O2	172
1079	ACETAMIDE	60355	C2 . H5 . N1 . O1	59
1080	%CHLOROACETIC ACID	79118	C2 . H3 . O2 .CL1	94

(continued)

TABLE 14. (continued)

COMBINED CONCENTRATE REPORT (PART II) FOR
V1C X1C L2P L2M L2N L2D C3C C1P C1M C1N C2N R1C R2C E1C D2N B2C B1M B1N

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1081	4-CHLORO-2-BUTENOIC ACID (GEOMETRY UNKNOWN)	16197983	C4 . H5 . O2 .CL1	120
1082	*2,4-DICHLORONAPHTHALENE	2198756	C10. H6.CL2	196
1083	3-METHYL-2-BUTANOL	598754	C5 . H12. O1	88
1084	5-(ACETYLOXY)-2-PENTANONE	5185977	C7 . H12. O3	144
1085	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55583211	C8 . H12. O1	124
1086	DIETHYLENE GLYCOL, MONOMETHYL ETHER	111773	C5 . H12. O3	120
1087	N-BUTYLAMINE	109739	C4 . H11. N1	73
1088	2,4-BIS(1-METHYLETHYL)PHENOL	2934056	C12. H18. O1	178
1089	10-OCTADECENOIC ACID, METHYL ESTER	1303845	C19. H36. O2	296
1090	METHYL ISOPALMITATE	5129602	C17. H34. O2	270
1091	%+$1,2-BENZENEDICARBOXYLIC ACID, DIHEXYL ESTER	84753	C20. H30. O4	334
1092	3-BROMOPENTANE	1809105	C5 . H11.BR1	150
1093	PROPOXYBENZENE	622855	C9 . H12. O1	136
1094	BENZOTHIOPHENE	95158	C8 . H6 . S1	134
1095	PHENALENE	203805	C13. H10	166
1096	1-ETHENYL-4-ETHYLBENZENE	3454077	C10. H12	132
1097	3,3-DIMETHYL-2(3H)-FURANONE	13524768	C10. H10. O2	162
1098	FLUOROIODOBENZENE	1111	C6 . H4 . F1 . I1	221
1099	3-METHYL-2-FURANONE	22122367	C5 . H6 . O2	98
1100	1,4,5-TRIMETHYL NAPHTHALENE	2131411	C13. H14	170
1101	3-METHOXY-3-METHYL-2-BUTANONE	36587986	C6 . H12. O2	116
1102	DIBROMOPHENOL	546	C6 . H4 . O1 .BR2	250
1103	1H-IMIDAZOLE-2-CARBOXALDEHYDE	10111087	C4 . H4 . N2 . O1	96
1104	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL	10482561	C10. H18. O1	154
1105	1,2-CYCLOHEXANEDIOL	931179	C6 . H12. O2	116
1106	HEPTADECANOIC ACID, METHYL ESTER	1731936	C18. H36. O2	284
1107	BUTYL THIAZOLE	6086222	C8 . H11. N3	125

TABLE 15. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN AWT CONCENTRATES, SHOWING THE NUMBER OF OCCURRENCES

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		NUMBER IDENTIFIED																
		V1C	X1C	L2P	L2N	L2N	L2D	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
1.	UNSUBSTITUTED ALIPHATIC	2	0	3	3	17	5	6	1	3	6	3	5	6	0	4	0	5	1
2.	HALOGENATED ALIPHATIC	0	2	5	3	1	4	2	1	3	8	3	2	6	2	4	4	4	4
3.	SUBSTITUTED ALIPHATIC	30	28	49	62	48	51	26	43	54	59	53	59	105	21	49	59	68	57
4.	UNSUSBSTITUTED ALICYCLIC	0	0	9	0	6	4	0	5	0	5	0	2	2	1	1	3	0	2
5.	HALOGENATED ALICYCLIC	0	0	0	0	0	0	0	0	0	2	0	4	6	0	0	0	0	0
6.	SUBSTITUTED ALICYCLIC	4	6	17	19	14	17	2	5	4	17	14	7	18	4	9	6	15	19
7.	UNSUBSTITUED AROMATIC	6	4	143	8	32	30	42	68	29	36	9	14	35	4	16	7	16	5
8.	HALOGENATED AROMATIC	4	0	4	2	6	12	10	10	8	17	4	20	20	7	7	12	5	5
9.	SUBSTITUTED AROMATIC	16	6	40	38	45	60	41	38	47	49	35	46	61	26	34	47	29	18
10.	UNSUBSTITUTED PNA	3	4	91	5	19	15	26	47	22	23	7	9	21	2	8	0	8	2
11.	HALOGENATED PNA	1	0	0	0	0	0	1	0	0	1	0	3	4	0	0	1	0	1
12.	SUBSTITUTED PNA	1	1	6	4	5	2	2	5	6	4	2	1	3	1	2	1	1	1
13.	ALCOHOL GROUP	13	13	33	27	27	28	13	24	26	31	24	28	48	14	18	35	44	35
14.	ALDEHYDE GROUP	1	1	3	2	2	1	0	1	3	4	2	1	4	1	1	1	2	1
15.	AMIDE GROUP	0	0	1	0	2	1	1	2	4	4	5	5	1	0	1	1	1	2
16.	AMINE GROUP	3	0	4	1	3	3	4	6	7	9	6	2	6	1	0	1	2	0
17.	CARBOXYLIC ACID	15	13	18	39	41	77	16	14	41	44	40	42	75	18	51	56	41	45
18.	ESTER GROUP	20	5	34	23	18	9	16	21	14	5	17	19	27	11	11	20	13	9
19.	ETHER GROUP	2	5	15	21	18	29	10	12	21	33	14	15	22	6	11	9	21	20
20.	HETEROATOM IN RING	4	6	9	5	11	12	2	8	22	23	14	11	16	2	3	4	13	10
21.	KETONE	5	8	11	21	12	26	3	8	19	31	7	12	18	10	14	18	25	25
22.	NITRO GROUP	1	1	3	8	2	7	1	1	2	2	1	3	9	3	3	3	4	5
23.	PHTHALIC DI-ESTER	6	1	7	6	3	1	12	4	4	3	7	8	8	8	4	9	3	2
24.	PHENOL GROUP	6	0	11	3	13	13	5	15	12	8	4	10	11	6	4	13	10	8
25.	SULFUR ATOM	2	0	1	1	4	4	2	2	5	5	4	5	5	1	3	3	3	2

TABLE 16. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN AWT CONCENTRATES, SHOWING THE NUMBER OF OCCURRENCES AS A PERCENTAGE OF THE TOTAL NUMBER OF IDENTIFIED COMPOUNDS

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

PERCENT OF TOTAL

	V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	O2N	B2C	B1M	B1N
1. UNSUBSTITUTED ALIPHATIC	3	0	1	2	11	3	5	1	2	3	2	3	2	0	4	0	4	1
2. HALOGENATED ALIPHATIC	0	4	2	2	1	2	2	1	2	4	2	1	2	4	4	3	3	3
3. SUBSTITUTED ALIPHATIC	51	54	19	47	31	34	23	27	35	38	44	40	41	38	43	48	48	45
4. UNSUBSTITUTED ALICYCLIC	0	0	3	0	5	2	0	3	0	3	0	1	1	2	1	2	0	2
5. HALOGENATED ALICYCLIC	0	0	0	0	0	0	0	0	0	1	0	3	2	0	0	0	0	0
6. SUBSTITUTED ALICYCLIC	7	12	7	14	9	18	2	3	3	9	12	5	7	7	8	5	11	15
7. UNSUBSTITUED AROMATIC	10	8	55	6	28	17	37	43	19	19	7	9	14	7	14	6	11	4
8. HALOGENATED AROMATIC	7	0	2	2	4	7	9	6	5	9	3	14	8	13	6	10	4	4
9. SUBSTITUTED AROMATIC	27	12	15	29	29	34	36	24	31	25	29	31	24	47	38	38	21	14
10. UNSUBSTITUTED PNA	5	8	35	4	12	8	23	30	14	12	6	6	8	4	7	0	6	2
11. HALOGENATED PNA	2	0	0	0	0	0	1	0	0	1	0	2	2	0	0	1	0	1
12. SUBSTITUTED PNA	2	2	2	3	3	1	2	3	4	2	2	1	1	2	2	1	1	1
13. ALCOHOL GROUP	22	25	13	20	17	16	11	15	17	16	20	19	19	25	16	28	31	28
14. ALDEHYDE GROUP	2	2	1	2	1	1	0	1	2	2	2	1	2	2	1	1	1	1
15. AMIDE GROUP	0	0	0	0	1	1	1	1	3	2	4	3	0	0	1	1	1	2
16. AMINE GROUP	5	0	2	1	2	2	4	4	5	5	5	1	2	2	0	1	1	0
17. CARBOXYLIC ACID	25	25	7	29	26	43	14	9	27	23	33	28	29	33	45	45	29	36
18. ESTER GROUP	34	10	13	17	6	5	14	13	9	3	14	13	11	28	10	16	9	7
19. ETHER GROUP	3	10	6	16	11	16	9	8	14	17	12	10	9	11	10	7	15	16
20. HETEROATOM IN RING	7	12	3	4	7	7	2	5	14	12	12	7	6	4	3	3	9	8
21. KETONE	8	15	4	16	8	15	3	5	12	16	6	8	7	18	12	8	18	20
22. NITRO GROUP	2	2	1	6	1	4	1	1	1	1	1	2	4	5	3	2	3	4
23. PHTHALIC DI-ESTER	10	2	3	5	2	1	11	3	3	2	6	5	3	15	4	7	2	2
24. PHENOL GROUP	10	0	4	2	8	7	4	9	8	4	3	7	4	11	4	10	7	6
25. SULFUR ATOM	3	8	0	1	3	2	2	1	3	3	3	3	2	2	3	2	2	2
TOTAL NUMBER OF IDENTIFIED COMPOUNDS	50	52	260	133	157	178	114	158	153	95	120	125	255	55	113	124	141	126

* PERCENTAGE IS BASED ON THE TOTAL NUMBER OF IDENTIFIED COMPOUNDS RATHER THAN THE TOTAL NUMBER OF FUNCTIONAL GROUPS FORMED. THUS, THE SUM OF THE PERCENTAGES FOR A CONCENTRATE WILL TOTAL MORE THAN 100 PERCENT.

TABLE 17. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN AWT CONCENTRATES, SHOWING THE TOTAL GC PEAK SIZE FOR EACH GROUP ON THE SP1000 GC COLUMN

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

COL. 1 TOTAL RS

		V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
1.	UNSUBSTITUTED ALIPHATIC	0.0	-	5.2	2.2	5.3	8.3	6.1	0.0	4.0	4.5	5.6	4.0	5.2	-	4.1	-	5.3	0.0
2.	HALOGENATED ALIPHATIC	-	2.2	5.2	3.6	0.0	7.0	0.0	0.0	6.3	6.0	5.0	3.0	0.0	3.1	2.2	4.9	3.3	3.4
3.	SUBSTITUTED ALIPHATIC	3.4	6.0	7.7	10.1	8.5	9.4	10.1	8.4	7.0	7.9	7.9	8.4	8.9	6.7	6.0	7.6	7.3	7.1
4.	UNSUSBSTITUTED ALICYCLIC	-	-	5.9	-	4.0	6.1	-	6.3	-	4.5	-	4.4	5.2	0.0	1.0	5.0	-	2.0
5.	HALOGENATED ALICYCLIC	-	-	-	-	-	-	-	-	-	0.0	-	0.0	1.0	-	-	-	-	-
6.	SUBSTITUTED ALICYCLIC	0.4	4.5	6.1	6.9	5.4	8.1	1.0	6.3	5.0	6.1	6.2	4.0	5.9	3.5	4.3	4.9	6.0	5.6
7.	UNSUBSTITUED AROMATIC	0.2	4.0	7.4	2.7	5.3	8.6	4.7	7.5	6.2	5.5	5.1	4.6	4.5	4.1	3.9	5.2	6.2	2.0
8.	HALOGENATED AROMATIC	0.5	-	3.0	7.0	4.0	8.5	5.3	5.2	6.4	7.4	7.0	5.1	4.7	4.3	4.5	4.9	4.0	3.7
9.	SUBSTITUTED AROMATIC	2.6	4.6	9.2	7.9	7.5	9.3	9.1	8.4	7.7	7.0	7.6	6.5	8.0	7.2	6.2	7.3	7.0	5.9
10.	UNSUBSTITUTED PNA	-1.0	4.0	7.1	2.2	4.5	2.3	4.4	7.2	6.2	4.4	2.9	3.0	3.9	4.0	3.1	-	4.2	0.0
11.	HALOGENATED PNA	-1.0	-	-	-	-	-	1.0	-	-	1.0	-	0.0	2.0	-	-	0.0	-	1.0
12.	SUBSTITUTED PNA	-1.0	4.0	6.1	5.7	3.1	3.0	1.6	1.0	5.2	5.3	3.0	0.0	2.2	3.0	0.6	0.0	2.0	1.0
13.	ALCOHOL GROUP	1.9	5.0	7.3	7.7	8.4	8.1	9.2	7.6	7.3	6.0	6.6	7.1	8.1	6.7	6.2	7.2	7.2	6.6
14.	ALDEHYDE GROUP	-1.0	0.0	3.2	3.1	1.0	0.0	-	0.0	5.4	5.2	4.1	0.0	2.2	3.0	0.0	3.0	2.6	1.0
15.	AMIDE GROUP	-	-	1.0	-	2.0	1.0	6.0	6.0	5.3	4.2	4.0	4.9	1.0	-	0.0	3.0	0.0	2.2
16.	AMINE GROUP	-0.4	-	5.4	1.6	3.4	3.3	3.2	8.1	5.3	4.6	4.1	2.0	4.2	1.0	-	0.0	4.2	-
17.	CARBOXYLIC ACID	2.7	5.3	6.4	7.4	6.3	10.4	5.7	5.5	7.4	8.0	7.9	8.0	8.5	5.5	6.7	7.4	7.3	6.9
18.	ESTER GROUP	3.3	4.9	9.2	6.6	7.0	7.6	9.1	8.1	6.9	4.3	6.5	8.6	8.2	7.1	5.7	7.7	6.3	5.5
19.	ETHER GROUP	2.2	4.3	7.2	8.2	8.4	8.8	10.1	6.1	7.6	7.5	7.3	5.9	7.0	6.3	5.2	6.5	6.7	6.4
20.	HETEROATOM IN RING	2.3	4.3	5.0	3.6	5.7	7.3	4.1	6.3	7.1	6.4	6.1	5.2	5.6	0.0	2.7	6.1	4.9	4.6
21.	KETONE	2.1	3.0	5.0	6.0	5.3	7.3	3.2	5.0	7.0	6.7	4.5	5.2	5.5	5.0	4.9	5.7	6.3	5.6
22.	NITRO GROUP	1.0	5.0	3.6	6.6	5.6	7.4	1.0	5.0	5.6	5.2	5.0	4.4	5.0	2.7	4.1	4.3	5.3	4.4
23.	PHTHALIC DI-ESTER	2.2	0.0	9.1	5.2	7.0	4.0	9.1	0.0	6.0	3.1	2.6	0.2	7.4	7.0	5.0	7.5	6.1	5.0
24.	PHENOL GROUP	1.4	-	6.4	4.1	5.3	7.1	5.1	7.1	6.3	5.9	5.1	5.4	5.4	3.0	3.5	5.4	6.1	4.6
25.	SULFUR ATOM	1.0	-	3.0	3.0	5.1	7.0	6.1	6.2	6.0	5.0	5.6	4.6	3.5	3.0	2.7	4.3	3.2	3.0

TABLE 18. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN AWT CONCENTRATES, SHOWING THE TOTAL GC PEAK SIZE FOR EACH GROUP ON THE SP2100 GC COLUMN

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

COL. 2 TOTAL RS

		V1C	X1C	L2P	L2M	L2N	L2D	C3C	C1P	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1M	B1N
1.	UNSUBSTITUTED ALIPHATIC	1.0	-	3.0	3.0	4.4	5.1	0.0	3.0	6.3	3.1	5.6	1.0	4.5	-	2.4	-	3.0	5.0
2.	HALOGENATED ALIPHATIC	-	0.0	3.6	1.0	3.0	7.1	6.1	6.0	0.0	4.3	6.4	1.0	5.1	0.0	3.2	0.0	3.3	5.1
3.	SUBSTITUTED ALIPHATIC	2.1	7.1	5.9	0.2	0.1	9.1	6.5	9.2	0.2	6.2	7.6	7.7	0.9	5.0	6.2	7.3	7.4	7.1
4.	UNSUSOSTITUTED ALICYCLIC	-	-	2.6	-	6.0	3.0	-	3.0	-	5.0	0.0	0.0	5.1	1.0	0.0	0.0	-	5.2
5.	HALOGENATED ALICYCLIC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	3.2	3.5	-	-	-	-	-
6.	SUBSTITUTED ALICYCLIC	1.0	5.0	3.0	5.5	6.4	7.3	2.0	5.0	0.0	3.7	3.0	4.4	6.3	2.6	2.2	3.2	5.0	4.0
7.	UNSUBSTITUED AROMATIC	1.3	3.6	6.6	3.2	5.9	6.3	2.6	7.0	5.2	4.2	5.3	3.6	5.1	1.0	3.3	2.0	4.2	1.6
8.	HALOGENATED AROMATIC	0.0	-	5.1	7.0	7.1	8.2	2.6	3.6	6.3	6.3	7.1	3.5	4.3	3.0	3.3	2.0	3.6	3.6
9.	SUBSTITUTED AROMATIC	3.5	4.1	9.0	7.9	8.0	9.1	9.1	7.5	7.7	6.4	8.0	8.7	8.6	7.3	5.9	0.3	6.7	6.7
10.	UNSUBSTITUTED PNA	0.1	3.6	6.2	2.7	5.3	1.6	0.0	6.3	4.0	3.4	4.3	2.7	4.2	0.0	3.0	-	1.6	0.0
11.	HALOGENATED PNA	0.0	-	-	-	-	-	0.0	-	-	0.0	-	2.0	2.0	-	-	0.0	-	0.0
12.	SUBSTITUTED PNA	0.0	0.0	0.0	0.0	5.6	3.1	0.0	4.7	0.0	1.6	0.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0
13.	ALCOHOL GROUP	1.0	6.3	5.1	7.6	7.7	7.0	6.2	6.5	6.4	4.9	5.2	6.2	7.4	4.1	4.6	4.0	6.0	6.5
14.	ALDEHYDE GROUP	0.0	6.0	3.0	0.0	1.0	1.0	-	3.0	3.0	3.3	0.0	2.0	3.7	0.0	1.0	0.0	0.0	0.0
15.	AMIDE GROUP	-	-	0.0	-	2.0	0.0	0.0	6.0	5.6	2.0	0.0	0.0	0.0	-	2.0	0.0	5.0	0.0
16.	AMINE GROUP	1.0	-	3.4	0.0	0.0	3.1	2.0	5.4	5.6	1.6	0.0	1.0	2.2	0.0	-	0.0	0.0	-
17.	CARBOXYLIC ACID	2.4	5.7	5.6	7.5	7.0	9.4	4.6	5.4	7.7	6.4	7.9	6.6	0.9	4.6	6.2	7.3	6.0	7.1
18.	ESTER GROUP	3.6	2.2	9.0	7.6	7.3	7.5	9.1	9.2	7.4	3.4	7.3	0.9	0.5	7.3	5.0	0.5	7.0	6.2
19.	ETHER GROUP	0.0	4.3	3.0	7.9	0.0	0.6	6.3	7.3	6.7	6.2	7.1	4.3	6.0	4.4	3.0	0.0	6.4	6.1
20.	HETEROATOM IN RING	1.0	4.3	4.2	5.0	6.5	6.4	0.0	5.3	6.1	3.4	3.0	5.0	5.2	3.2	3.1	4.0	4.0	2.2
21.	KETONE	1.1	5.3	4.6	5.0	5.6	6.9	4.1	7.5	6.1	4.3	4.0	4.3	5.3	3.4	3.0	3.4	5.4	5.7
22.	NITRO GROUP	0.0	0.0	0.0	3.0	5.0	6.5	0.0	3.0	3.0	0.0	3.0	0.0	3.6	2.0	1.0	2.0	5.0	1.0
23.	PHTHALIC DI-ESTER	3.4	1.0	9.0	7.3	7.3	5.0	9.1	6.0	6.1	2.6	7.0	0.7	0.0	7.2	5.1	0.2	6.3	5.6
24.	PHENOL GROUP	0.0	-	5.1	1.0	5.5	5.3	4.0	5.5	5.9	4.0	5.2	2.7	6.7	1.0	2.3	0.0	3.2	5.1
25.	SULFUR ATOM	1.0	-	0.0	0.0	5.6	6.3	0.0	3.0	5.6	3.6	3.2	0.0	1.0	0.0	1.0	0.0	5.0	1.0

TABLE 19. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN AWT CONCENTRATES, SHOWING THE TOTAL GC PEAK SIZE FOR EACH GROUP ON BOTH GC COLUMNS

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

TOTAL RS

		V1C	X1C	L2P	L2M	L2N	L2O	C3C	C1P	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B1N	B1N
1.	UNSUBSTITUTED ALIPHATIC	1.2	-	5.3	3.3	5.3	8.3	6.1	3.0	6.4	4.6	6.8	4.1	5.4	-	4.1	-	5.3	5.0
2.	HALOGENATED ALIPHATIC	-	2.2	5.3	3.6	3.8	7.1	6.1	6.0	8.0	6.1	6.4	3.1	5.1	3.1	3.4	4.8	3.8	5.1
3.	SUBSTITUTED ALIPHATIC	3.6	7.3	7.8	10.1	8.7	9.6	10.1	9.3	8.5	7.9	8.1	8.6	9.2	6.8	6.9	7.9	7.8	7.5
4.	UNSUBSTITUTED ALICYCLIC	-	-	5.9	-	6.1	6.1	-	6.3	-	5.4	-	4.4	5.6	1.8	1.8	5.8	-	5.2
5.	HALOGENATED ALICYCLIC	-	-	-	-	-	-	-	-	-	2.2	-	3.2	3.5	-	-	-	-	-
6.	SUBSTITUTED ALICYCLIC	1.4	5.4	6.1	7.8	6.6	8.3	2.2	6.4	5.8	6.1	6.2	4.8	6.5	3.6	4.3	4.8	6.3	5.6
7.	UNSUBSTITUED AROMATIC	1.5	4.8	7.6	3.5	6.2	8.6	4.7	7.9	6.3	5.6	5.8	4.8	5.4	4.1	4.1	5.2	6.2	2.8
8.	HALOGENATED AROMATIC	8.5	-	5.2	7.0	7.1	8.5	5.4	5.2	6.7	7.5	7.1	5.3	4.9	4.3	4.5	4.9	4.8	3.7
9.	SUBSTITUTED AROMATIC	3.8	5.8	9.2	7.9	8.2	10.8	9.1	8.7	8.2	7.9	8.2	8.9	8.6	7.4	6.3	8.5	7.1	6.7
10.	UNSUBSTITUTED PNA	8.3	4.8	7.3	3.1	5.5	2.4	4.4	7.4	6.2	4.5	4.4	3.4	4.5	4.8	3.5	8.8	4.2	8.6
11.	HALOGENATED PNA	-1.8	-	-	-	-	-	1.8	-	-	1.8	-	2.8	2.6	-	-	8.8	-	1.8
12.	SUBSTITUTED PNA	-1.8	4.8	6.1	6.3	5.7	3.1	1.6	4.7	5.2	5.3	3.8	1.8	2.4	3.8	1.2	8.8	2.8	1.8
13.	ALCOHOL GROUP	2.2	6.5	7.4	7.9	8.5	8.4	9.2	7.8	7.5	6.8	6.8	7.3	8.3	6.7	6.2	7.3	7.6	6.8
14.	ALDEHYDE GROUP	-1.8	6.8	3.7	3.1	1.6	1.8	-	3.8	5.4	5.3	4.1	2.8	3.8	3.8	1.8	3.8	2.6	1.8
15.	AMIDE GROUP	-	-	1.8	-	2.6	1.8	6.8	6.6	5.8	4.2	4.8	4.9	1.8	-	2.8	3.8	5.8	2.2
16.	AMINE GROUP	1.2	-	5.4	1.6	3.4	3.3	3.4	8.1	6.8	4.6	4.1	2.2	4.3	1.8	-	8.8	4.2	-
17.	CARBOXYLIC ACID	2.9	6.1	6.6	7.4	8.8	10.5	5.9	6.1	8.8	8.8	8.2	8.1	9.8	5.7	6.8	7.8	7.4	7.4
18.	ESTER GROUP	4.8	4.9	9.2	7.7	7.3	8.8	9.2	9.2	7.7	4.5	7.6	9.1	8.7	7.3	5.9	8.5	7.8	6.3
19.	ETHER GROUP	2.2	4.9	7.2	8.2	8.7	8.9	10.1	7.5	7.8	7.5	7.3	6.9	7.9	6.4	5.2	6.5	7.1	6.4
20.	HETEROATOM IN RING	2.4	4.9	5.3	5.1	6.7	7.4	4.1	6.5	7.3	6.4	6.1	5.7	5.9	3.2	3.3	6.2	5.1	4.6
21.	KETONE	2.3	5.4	5.9	6.9	6.1	8.8	4.3	7.5	7.3	6.7	4.9	5.5	5.7	5.1	4.9	5.7	6.3	6.2
22.	NITRO GROUP	1.8	5.8	3.6	6.6	5.6	7.5	1.8	5.8	5.6	5.2	5.8	4.4	5.8	2.7	4.1	4.3	5.3	4.4
23.	PHTHALIC DI-ESTER	3.6	1.8	9.1	7.3	7.3	5.8	9.1	6.8	6.7	3.3	7.8	8.7	8.8	7.3	5.1	8.3	6.3	5.6
24.	PHENOL GROUP	1.4	-	6.5	4.1	5.3	7.1	5.3	7.2	6.5	6.8	5.7	5.5	6.8	3.8	3.5	5.4	6.1	5.2
25.	SULFUR ATOM	1.6	-	3.8	3.8	5.7	7.1	6.1	6.2	6.3	5.8	5.6	4.6	3.5	3.8	2.7	4.3	5.1	3.8

TABLE 20. OCCURRENCE OF MOLECULAR FUNCTIONAL GROUP TYPES IN AWT CONCENTRATES, SHOWING ALL TABULATED PARAMETERS

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		UNS ALI	HAL ALI	SUB ALI	UNS ALC	HAL ALC	SUB ALC	UNS ARO	HAL ARO	SUB ARO	UNS PNA	HAL PNA	SUB PNA	ALCOHOL	ALDEHYD	AMIDE	AMINE	CARBOXY	ESTER	ETHER	HETERO	KETONE	NITRO	PHTHALI	PHENOL	SULFUR
V1C	NUMBER IDENTIFIED	2	0	38	0	0	4	6	4	16	3	1	1	13	1	0	3	15	28	2	4	5	1	6	6	2
	PERCENT OF TOTAL	3	0	51	0	0	7	10	7	27	5	2	2	22	2	0	5	25	34	3	7	8	2	10	10	3
	COL. 1 TOTAL RS	0	0	3	0	0	0	0	0	3	-1	-1	0	2	-1	0	-0	3	4	2	2	2	1	4	1	1
	COL. 2 TOTAL RS	1	0	2	0	0	1	1	0	4	0	0	0	2	0	0	1	2	4	0	2	1	0	3	1	1
	TOTAL RS	1	0	4	0	0	1	2	0	4	0	-1	-1	2	-1	0	1	3	4	2	2	2	1	4	1	1
X1C	NUMBER IDENTIFIED	0	2	28	0	0	6	0	0	6	0	0	1	13	1	0	0	13	5	5	6	0	1	1	0	0
	PERCENT OF TOTAL	0	4	54	0	0	12	0	0	12	0	0	2	25	2	0	0	25	10	10	12	15	2	2	0	0
	COL. 1 TOTAL RS	0	2	6	0	0	4	0	0	5	0	0	1	5	1	0	0	5	2	4	4	3	0	1	0	0
	COL. 2 TOTAL RS	0	0	7	0	0	5	0	0	5	0	0	0	6	0	0	0	6	5	5	5	5	1	1	0	0
	TOTAL RS	0	2	7	0	0	5	0	0	5	0	0	1	6	1	0	0	6	5	5	5	5	1	2	0	0
L2P	NUMBER IDENTIFIED	3	5	49	9	0	17	143	4	48	91	0	6	33	3	1	4	18	34	15	9	11	3	7	11	1
	PERCENT OF TOTAL	1	2	19	3	0	7	55	2	19	35	0	2	13	1	0	2	7	13	6	3	4	1	3	4	0
	COL. 1 TOTAL RS	5	5	8	6	0	6	7	5	9	7	0	6	7	3	1	5	6	9	7	5	6	4	9	6	3
	COL. 2 TOTAL RS	3	4	5	3	0	3	7	5	9	6	0	0	7	4	1	3	7	9	7	5	5	4	9	7	3
	TOTAL RS	5	5	8	6	0	6	8	5	9	7	0	6	7	4	1	5	7	9	7	5	6	4	9	7	3
L2N	NUMBER IDENTIFIED	3	3	62	0	0	19	6	2	38	5	0	4	27	2	0	1	39	23	21	5	21	6	6	3	1
	PERCENT OF TOTAL	2	2	47	0	0	14	6	2	29	5	0	3	26	2	0	1	29	17	16	4	16	6	6	2	1
	COL. 1 TOTAL RS	2	4	10	0	0	7	3	10	8	2	0	6	8	3	0	2	10	7	8	5	7	3	7	1	3
	COL. 2 TOTAL RS	3	1	8	0	0	5	3	7	8	3	0	6	8	3	0	2	7	8	10	5	6	7	7	4	3
	TOTAL RS	3	4	10	0	0	7	4	10	10	3	0	6	8	3	0	2	10	8	10	5	7	7	7	4	3
L2N	NUMBER IDENTIFIED	17	1	48	0	0	14	32	6	45	19	0	5	27	2	2	3	41	18	10	11	12	2	3	13	4
	PERCENT OF TOTAL	11	1	31	0	0	9	20	4	29	12	0	3	17	1	1	2	26	11	6	7	8	1	2	8	3
	COL. 1 TOTAL RS	5	0	8	5	0	5	6	6	7	5	0	3	8	1	2	3	7	8	7	6	5	6	7	5	4
	COL. 2 TOTAL RS	4	3	8	6	0	6	6	7	8	5	0	6	9	2	3	3	8	8	7	6	6	6	7	6	6
	TOTAL RS	5	3	9	6	0	7	6	7	8	5	0	6	9	2	3	3	8	8	7	7	6	6	7	6	6
L2O	NUMBER IDENTIFIED	5	4	61	4	0	17	38	12	60	15	0	2	26	1	1	3	77	9	29	12	26	7	11	13	4
	PERCENT OF TOTAL	3	2	34	2	0	10	17	7	34	8	0	1	16	1	1	2	43	5	16	7	15	4	6	7	2
	COL. 1 TOTAL RS	0	7	9	6	0	8	9	9	10	2	0	3	8	1	1	3	10	8	9	7	8	7	5	7	7
	COL. 2 TOTAL RS	5	7	9	3	0	7	6	9	10	2	0	3	8	1	1	3	9	8	9	6	8	7	5	6	7
	TOTAL RS	5	7	10	6	0	8	9	9	10	2	0	3	8	1	1	3	10	8	9	7	8	7	5	7	7
C3C	NUMBER IDENTIFIED	6	2	26	0	0	2	42	18	41	26	1	2	13	0	1	4	16	18	16	2	3	1	12	5	2
	PERCENT OF TOTAL	5	2	23	0	0	2	37	9	36	23	1	2	11	0	1	3	14	9	14	2	3	1	11	5	2
	COL. 1 TOTAL RS	6	0	10	0	0	1	5	5	9	4	0	2	9	0	0	2	6	6	9	4	4	0	9	4	0
	COL. 2 TOTAL RS	0	6	6	0	0	2	5	5	9	0	1	2	6	0	6	0	6	10	6	4	4	1	9	5	6
	TOTAL RS	6	6	10	0	0	2	5	5	9	4	1	2	9	0	6	3	6	10	6	4	4	1	9	5	6

(continued)

TABLE 20. (Continued)

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		UNS ALI	HAL ALI	SUB ALI	UNS ALC	HAL ALC	SUB ALC	UNS ARO	HAL ARO	SUB ARO	UNS PNA	HAL PNA	SUB PNA	ALCOHOL	ALDEHYD	AMIDE	AMINE	CARBOXY	ESTER	ETHER	HETERO	KETONE	NITRO	PHTHALI	PHENOL	SULFUR
C1P	NUMBER IDENTIFIED	1	1	43	5	0	5	68	10	38	47	0	5	24	1	2	6	14	21	12	8	8	1	4	15	2
	PERCENT OF TOTAL	1	1	27	3	0	3	43	6	24	30	0	3	15	1	1	4	9	13	8	5	5	1	3	9	1
	COL. 1 TOTAL RS	0	0	8	6	0	6	8	5	8	7	0	1	8	1	1	8	9	8	6	6	7	1	3	7	1
	COL. 2 TOTAL RS	3	6	9	3	0	5	7	4	8	6	0	5	6	3	6	5	5	9	7	5	7	3	6	6	3
	TOTAL RS	3	6	9	6	0	6	8	5	9	7	0	5	8	3	7	8	6	9	8	6	8	5	6	7	6
C1N	NUMBER IDENTIFIED	3	3	54	0	0	4	29	8	47	22	0	6	26	3	4	7	41	14	21	22	19	2	4	12	5
	PERCENT OF TOTAL	2	2	35	0	0	3	19	5	31	14	0	4	17	2	3	5	27	9	14	14	12	1	3	8	3
	COL. 1 TOTAL RS	4	6	8	0	0	6	6	6	8	6	0	5	7	2	5	5	7	7	8	7	7	6	6	6	5
	COL. 2 TOTAL RS	6	8	8	0	0	6	5	6	8	5	0	5	6	3	5	6	8	7	8	6	6	3	6	6	6
	TOTAL RS	6	8	9	0	0	6	6	7	8	6	0	5	7	3	5	6	8	8	8	7	7	6	7	7	6
C1N	NUMBER IDENTIFIED	6	8	59	5	2	17	38	17	49	23	1	4	31	4	4	9	44	5	33	23	31	2	3	8	5
	PERCENT OF TOTAL	3	4	30	3	1	9	19	9	25	12	1	2	16	2	2	5	23	3	17	12	16	1	2	4	3
	COL. 1 TOTAL RS	4	6	8	4	0	6	6	7	8	4	1	5	7	2	4	5	8	4	8	6	7	1	3	6	6
	COL. 2 TOTAL RS	3	4	6	5	2	4	6	6	6	3	0	2	5	3	2	2	6	3	6	3	4	5	3	5	4
	TOTAL RS	5	6	8	5	2	6	6	7	8	4	1	5	7	3	4	5	8	3	8	6	7	5	3	6	6
C2N	NUMBER IDENTIFIED	3	3	53	0	0	14	9	4	35	7	0	2	24	2	5	6	48	17	14	14	7	1	7	4	4
	PERCENT OF TOTAL	2	2	44	0	0	12	7	3	29	6	0	2	20	2	4	5	33	14	12	12	6	1	6	3	3
	COL. 1 TOTAL RS	6	5	8	0	0	6	5	7	8	3	0	3	7	0	4	4	8	7	7	6	5	3	7	5	6
	COL. 2 TOTAL RS	6	6	8	0	0	3	5	7	8	4	0	3	5	0	0	0	8	7	7	3	4	3	7	5	6
	TOTAL RS	6	6	8	0	0	6	6	7	8	4	0	3	7	0	4	4	8	8	7	6	5	3	7	6	6
R1C	NUMBER IDENTIFIED	5	2	59	2	4	7	14	20	46	9	3	1	28	1	5	2	42	19	15	11	12	3	8	10	5
	PERCENT OF TOTAL	3	1	40	1	3	5	9	14	31	6	2	1	19	1	3	1	28	13	10	7	8	2	5	7	3
	COL. 1 TOTAL RS	4	3	8	4	0	4	5	5	8	3	0	1	7	0	5	2	8	9	7	5	5	4	8	5	5
	COL. 2 TOTAL RS	1	1	8	0	3	4	4	4	9	3	2	0	6	2	0	1	7	9	4	5	4	0	9	3	0
	TOTAL RS	4	3	9	4	3	5	5	5	9	3	2	1	7	2	5	2	8	9	7	6	5	4	9	5	5
R2C	NUMBER IDENTIFIED	6	6	185	2	6	18	35	28	61	21	4	3	48	4	1	6	75	27	22	16	18	9	8	11	5
	PERCENT OF TOTAL	2	2	41	1	2	7	14	8	24	8	2	1	19	2	0	2	29	11	9	6	7	4	3	4	2
	COL. 1 TOTAL RS	5	0	9	5	1	6	5	5	8	4	2	2	8	2	1	4	8	8	8	6	5	5	7	5	4
	COL. 2 TOTAL RS	4	5	9	5	3	6	5	4	9	4	2	1	7	4	0	2	9	8	9	6	5	4	8	7	1
	TOTAL RS	5	5	9	6	3	7	5	5	9	5	3	2	8	4	1	4	9	9	8	6	6	5	8	7	4
E1C	NUMBER IDENTIFIED	0	2	21	1	0	4	4	7	26	2	0	1	14	1	0	1	18	11	6	2	10	3	0	6	1
	PERCENT OF TOTAL	0	4	38	2	0	7	7	13	47	4	0	2	25	2	0	2	33	20	11	4	18	5	15	11	2
	COL. 1 TOTAL RS	0	3	7	0	0	3	4	4	7	4	0	3	7	3	0	1	6	7	6	8	5	3	7	4	3
	COL. 2 TOTAL RS	0	0	5	1	0	3	1	3	7	4	0	0	4	3	0	0	5	7	4	3	5	2	7	1	0
	TOTAL RS	0	3	7	1	0	4	4	4	7	4	0	3	7	3	0	1	6	7	6	3	5	3	7	4	3

(continued)

TABLE 20. (Continued)

OCCURRENCE OF FUNCTIONAL GROUPS AMONG THE IDENTIFIED ORGANICS

		UNS ALI	HAL ALI	SUB ALI	UNS ALC	HAL ALC	SUB ALC	UNS ARO	HAL ARO	SUB ARO	UNS PNA	HAL PNA	SUB PNA	ALCOHOL	ALDEHYD	AMIDE	AMINE	CARBOXY	ESTER	ETHER	HETERO	KETONE	NITRO	PHTHALI	PHENOL	SULFUR
D2N	NUMBER IDENTIFIED	4	4	49	1	0	9	16	7	34	0	0	2	18	1	1	0	51	11	11	3	14	3	4	4	3
	PERCENT OF TOTAL	4	4	43	1	0	8	14	6	30	7	0	2	16	1	1	0	45	10	10	3	12	3	4	4	3
	COL. 1 TOTAL RS	4	2	7	1	0	4	4	4	6	3	0	2	6	1	2	0	7	6	5	3	5	4	5	3	3
	COL. 2 TOTAL RS	2	3	6	0	0	2	3	3	6	3	0	1	5	1	2	0	7	6	5	3	4	4	5	2	1
	TOTAL RS	4	3	7	1	0	4	4	5	6	4	0	1	6	1	2	0	7	6	5	3	5	4	5	4	3
B2C	NUMBER IDENTIFIED	0	4	59	3	0	6	7	12	47	0	1	1	35	1	1	1	56	20	9	4	10	3	9	13	3
	PERCENT OF TOTAL	0	3	48	2	0	5	6	10	38	0	1	1	28	1	1	1	45	16	7	3	8	2	7	10	2
	COL. 1 TOTAL RS	0	0	8	0	0	5	5	5	8	0	0	0	7	3	3	0	7	8	6	6	6	4	8	5	4
	COL. 2 TOTAL RS	0	5	7.	5	0	3	2	5	8	0	0	0	4	0	3	0	7	8	6	4	6	2	8	5	4
	TOTAL RS	0	5	8	5	0	5	5	5	8	0	0	0	7	3	3	0	8	9	6	6	6	4	8	5	4
B1N	NUMBER IDENTIFIED	5	4	68	0	0	15	16	5	29	6	0	1	44	2	1	2	41	13	21	13	25	4	3	10	3
	PERCENT OF TOTAL	4	3	48	0	0	11	11	4	21	6	0	1	31	1	1	1	29	9	15	9	18	3	2	7	2
	COL. 1 TOTAL RS	5	3	7	0	0	6	6	5	7	4	0	2	7	3	5	4	7	7	7	5	6	5	6	6	3
	COL. 2 TOTAL RS	3	3	7	0	0	6	4	5	7	2	0	2	7	3	5	4	7	7	6	4	6	5	6	6	5
	TOTAL RS	5	4	8	0	0	6	6	5	7	4	0	2	8	3	5	4	7	7	7	5	6	5	6	6	5
B1N	NUMBER IDENTIFIED	1	4	57	2	0	19	5	5	18	2	1	1	35	1	2	0	45	9	20	10	25	5	2	8	2
	PERCENT OF TOTAL	1	3	45	2	0	15	4	4	14	2	1	1	28	1	2	0	36	7	16	8	20	4	2	6	2
	COL. 1 TOTAL RS	0	3	7	2	0	6	3	4	6	1	1	0	7	1	2	0	7	5	6	5	6	4	5	5	3
	COL. 2 TOTAL RS	5	5	7	5	0	4	2	4	7	1	1	1	6	1	2	0	7	6	6	5	6	4	6	5	3
	TOTAL RS	5	5	7	5	0	6	3	4	7	1	1	1	7	1	2	0	7	6	6	5	6	4	6	5	3

TABLE 21. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN BOTH DW AND AWT CONCENTRATES, SHOWING THE SIZE OF THE GC PEAK

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1	CLOFIBRIC ACID +	
2	X+$DI-N-BUTYLPHTHALATE	
3	2-(2-BUTOXYETHOXY)ETHANOL (A DIETHYLE	
4	DIETHYLENE GLYCOL, 4-METHOXYBUTYL BUTYL	
5	DIETHYLENE GLYCOL, 2-METHOXYBUTYL BUTYL	
6	X+$DIOCTYLPHTHALATE	
7	1-(2-BUTOXYETHOXY) ETHANOL	
8	XTRIS-B-CHLOROETHYL PHOSPHATE	
9	X+NAPHTHALENE	
10	2-ETHYL-1,1-BIPHENYL	
11	XPALMITIC ACID	
12	X1-BUTANOL	
13	2-HYDROXY-2-METHYLPROPANOIC ACID	
14	2-ETHYL-3-METHYLMALEIC ACID	
15	1-(1-METHYLPROPOXY)-2-PROPANOL	
16	TRIETHYLENE GLYCOL N-BUTYL ETHER	
17	DIOCTYL ADIPATE	
18	XBIS(2-ETHYLHEXYL) ADIPATE	
19	X$1,1,2,2-TETRACHLOROETHANE	
20	DIHEXYLADIPATE	
21	XMETHYL BENZOATE	
22	XSTEARIC ACID	
23	DIETHYLENE GLYCOL, BUTYL ETHER	
24	DIISOOCTYLPHTHALATE	
25	$BUTYL-BUTOXY ETHYL PHTHALATE	
26	$BUTYL METHYL PHTHALATE	
27	TRIETHYLENE GLYCOL, TERT-BUTYL ETHER	
28	XCYCLOHEXANOL	
29	XMONOBUTYL PHTHALATE	
30	1,2 5,6-BIS-O-ISOPROPYLIDENE-BETA-D-TALO	
31	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUC	
32	2,3-DIMETHYLMALEIC ACID	
33	PHTHALIC ANHYDRIDE	
34	XCYCLOHEXANONE	
35	XBENZOIC ACID	
36	XMYRISTIC ACID	
37	PENTADECANOIC ACID	
38	X$DI-ISOBUTYLPHTHALATE	
39	TRANS-2-METHYLCYCLOPENTANOL	
40	2-METHYLBUTYRIC ACID	
41	2,2,4,4-TETRAMETHYL PENTANOIC ACID	
42	XBUTYRIC ACID	
43	MARGARIC ACID	
44	1,2-PROPYLENE GLYCOL, DIMETHYL ETHER	
45	2-HEPTENE	

* SEE FOOTNOTE ON LAST PAGE

\+ THIS ENTRY APPEARS OUT OF ORDER. IT SHOULD APPEAR BETWEEN ENTRIES NO. 11 AND NO. 48.

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

PAGE 2

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
46	1,1-DICHLOROACETONE	
47	3-ETHYL-4-METHYL-2,5-FURANDIONE	
48	2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE	
49	4-(HEXYLOXY)-1-BUTANOL	
50	6-BROMO-2-HEXANONE	
51	TRIPROPYLENE GLYCOL, METHYL ETHER	
52	TRIPROPYLENE GLYCOL, METHYL ETHER	
53	TRIPROPYLENE GLYCOL, METHYL ETHER	
54	TRIPROPYLENE GLYCOL, METHYL ETHER	
55	TRIPROPYLENE GLYCOL, METHYL ETHER	
56	XBROMODICHLOROMETHANE	
57	+XBROMOFORM	
58	4-METHYL-2-PENTANOL	
59	X*+$2,4,5-TRICHLOROPHENOL	
60	X+$DIETHYL PHTHALATE	
61	2,4,6-TRIBROMOPHENOL,	
62	AMYLENE DICHLORIDE	
63	X9,10-ANTHRACENEDIONE	
64	7,7-DIMETHYL-2-OXOBICYCLO[2.2.1]HEPTANE-	
65	3-METHOXY-3-METHYL-2-BUTANONE	
66	4-HEXEN-3-ONE	
67	XTRICHLOROPROPANE	
68	1-METHOXY-2-PROPANOL	
69	3-HEXANOL	
70	XSALICYLIC ACID	
71	XCAPRYLIC ACID	
72	XPHENYLACETIC ACID	
73	~~2,3-DIMETHYLMALEIC ACID~~ SEE NO. 32	
74	XPELARGONIC ACID	
75	1,3,5-TRIMETHYLCYANURIC ACID	
76	XMETHYL BUTYLKETONE	
77	TRIPROPYLENE GLYCOL, METHYL ETHER	
78	TRIPROPYLENE GLYCOL, METHYL ETHER	
79	TRIPROPYLENE GLYCOL, METHYL ETHER	
80	1-METHYLBUTYLALCOHOL	
81	3-PENTEN-2-OL	
82	2-BUTYL-N-BUTYRATE	
83	2-ETHYLHEXANOIC ACID	
84	XCAPRIC ACID	
85	ELAIDIC ACID	
86	P-PHENYLACETOPHENONE	
87	PALMITOLEIC ACID	
88	X$DICYCLOHEXYL PHTHALATE	
89	X+$BIS(2-ETHYLHEXYL) PHTHALATE	
90	2,4-DICHLOROBENZOIC ACID	

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I) PAGE 3

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
91	XPHTHALIC ACID	
92	N-BUTYLBENZENESULFONAMIDE	
93	XLAURIC ACID	
94	XN-HEPTANOIC ACID	
95	XETHOSUXIMIDE	
96	SUBERIC ACID	
97	O-CHLOROBENZOIC ACID	
98	2-KETOISOCAPROIC ACID	
99	XOLEIC ACID	
100	5,5-DIMETHYLDIHYDROFURANONE	
101	3-ETHYLHEXANOIC ACID	
102	2,4,5-TRIMETHYLBENZOIC ACID	
103	$N-BUTYL-ISOBUTYLPHTHALATE	
104	TRIPROPYLENE GLYCOL, METHYL ETHER (ISOME	
105	DIOCTYL SEBACATE	
106	TETRAHYDRO-2-METHYL-2-FURANOL	
107	XPHENOBARBITAL	
108	2-ETHYLSUBERIC ACID	
109	P-T-BUTYLPHENOXY ACETIC ACID	
110	BUTYL BUTYRATE	
111	3,5-DIMETHYLDIHYDROFURANONE	
112	P-TERT-BUTYLPHENOXYMETHYL ACETATE	
113	3,5-DIMETHYL STYRENE	
114	$METHYL ETHYL PHTHALATE	
115	BUTYL METHOXYBUTYRATE	
116	2-METHYLHEPTANE	
117	XMETHYL PROPYL KETONE	
118	3,7-DIMETHYL-6-OCTENOIC ACID	
119	TRIS(CHLOROPROPYL)PHOSPHATE	
120	X4+-ETHYLACETOPHENONE	
121	DEHYDROABIETIC ACID	
122	3,4-DIETHYLBIPHENYL	
123	1-METHYL INDENE	
124	XTOLUENE	
125	ISOVALERIC ACID	
126	2,4-DIMETHYLBENZOIC ACID	
127	3-PENTEN-2-ONE	
128	HEXAHYDROTOLUENE	
129	XACETOPHENONE	
130	6-METHYL-5-HEPTEN-2-ONE	
131	2-ETHYL-1-HEXANOL	
132	2+-ETHYLACETOPHENONE	
133	M-TOLUIC ACID	
134	P-TOLUIC ACID	
135	+ISOPHORONE	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	VIC	VIX	T2B	T1C	T1X	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2N	C3C	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
136	2,6-DIMETHYLBENZOIC ACID										2 5	6 6		3		4 5	2				4	5						
137	1,5-HEPTADIENE-3,4-DIOL									6				4		4												
138	3-METHYL-2-BUTEN-1-OL										6 6					1												
139	BENZORESORCINOL										6 6					3*												
140	XTRIBUTYL PHOSPHATE										6 6																	
141	XAZELAIC ACID	1		1	3		5	4*		5*	6 6	5																
142	2-CYCLOPETEN-1-ONE		2	1	5	4		4	5*	4	6 6	5	4	4	5*		2*					5	4*	5*	1*	3*	5*	3*
143	DICYANOHEXANE										6 6												4*	5			4	
144	XATRAZINE										6 6																	
145	1H-IMIDAZOLE-2-CARBOXALDEHYDE										6 6																	
146	XN-OCTANOL	-1									6			3														
147	CIS-2-METHYLCYCLOPENTANOL		3								6 6	4			2													
148	XVALERIC ACID			4							6 6	5			1*													
149	XDICHLORACETIC ACID				4	5		3	5		6 6		3	4		8	4	4		2		3	3		1		1	
150	XTRIETHYL PHOSPHATE				5	1			4	5	6 6	3	3	2	4	3	2	4	3		2	2	2	4			3	1
151	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4				3		4	4			6 6		3	4	2	3	4				5	5						4
152	3-METHYL-2-BUTENOIC ACID				4	3			3	6	6 6	3	4					2										
153	3-METHOXYPENTANE						2		3	6	6 6		1	2	5	4										2		
154	6-METHYL-2-HEPTANONE						3			6	6 6			5	4	3	3											
155	XPROPYL ALCOHOL							1		6	6 6	5		4		2									2			
156	2,2-DIETHYLPROPYLENE GLYCOL									6	6 6																	
157	AMYL CHLORIDE									6	6 6	5																3
158	3,5-DIMETHYLCYCLOHEXANOL									6	6 6			3														
159	1-METHYL-3-CYCLOHEXEN-1-OL									6	6 6	2			3		2											
160	CYCLOHEXYL FORMATE									6	6 6																	
161	1,1,1-TRICHLORO-2-PROPANONE									6	6 6	2				2												
162	X2-CHLORO-1,1-DIETHOXYETHANE									6	6 6																	
163	XDICAMBA					6					6															1	5	
164	XISOBUTYRIC ACID	0		4			3	5			6	5		2		2	3											
165	2-METHYL-2,4-PENTANEDIOL							6			1			4														
166	2-METHYL-3-BUTEN-2-OL							1											4		4							
167	2-BUTOXYETHANOL						3		5	5	5		4															5
168	XBENZALDEHYDE			3	3		1	1				5		2		2	3		5	3	5		5	4	1		4
169	DIPROPYLENE GLYCOL, METHYL ETHER	2	1	3	4	5	3	3*	5	5	4*	4	5	2*	2	1*	1		5	5	2		5	3	1		2	2
170	XDECANE							4	2	5	3	5					5		5	2	3		1		1			5
171	3,3,3-TRICHLOROPROPENE									2		0							5		5							
172	2-ETHYL-3-METHYLFUMARIC ACID						0						4			5	1								1			
173	ETHYL LACTATE											4			5	4					5							
174	DIACETYLBENEZENE														5													
175	ALDOL														5													
176	X1-(ETHENYLOXY)BUTANE														5													
177	6-PROPYL-BETA-RESORCYLIC ACID														5													
178	4-ISOPROPYL-O-PYROCATECHUIC ACID															5												
179	HEXAN-3-ONE															5												
180	2,5-HEXANEDIOL		2	3	3		0				3	3	3				5		4	4	1			5		2		

(continued)

TABLE 21. (continued)

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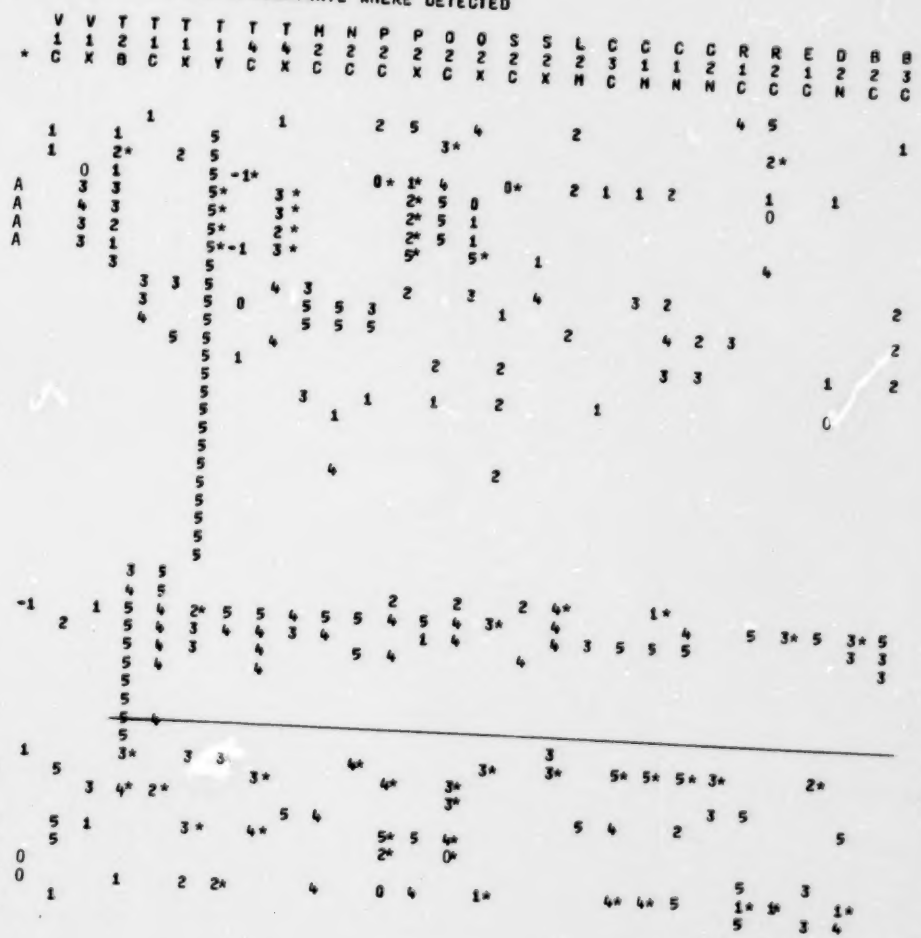
RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME
181	TETRAHYDRO-1,1-DIOXIDE THIOPHENE
182	N-TRIETHYLENE GLYCOL, MONOETHYL ETHER
183	METHYL MYRISTATE
184	METHYL STEARATE
185	X*$STYRENE
186	1,3-DIETHYL BENZENE
187	1,4-DIETHYL BENZENE
188	1,2-DIETHYL BENZENE
189	ETHYL PALMITATE
190	METHYL-3,5-DIMETHYL BENZOATE
191	2-METHOXY-3-METHYLCROTONIC ACID
192	XDIBROMOCHLOROMETHANE
193	2-CYCLOHEXENONE
194	2,3,5,6-TETRACHLOROTEREPHTHALIC ACID
195	X$M-XYLENE
196	X3-CHLORO-2-METHYL PROPENE
197	X+$O-DICHLORO BENZENE
198	X*+$HEXACHLORO-1,3-BUTADIENE
199	P-METHYLSULFONYL TOLUENE
200	1,1,3,3-TETRAMETHYL-2-INDANONE
201	2,3-DIMETHYL-2-BUTANOL
202	METHYL HEPTANOATE
203	PHENYL ACETIC ACID, METHYL ESTER
204	DI-(2-BROMOETHYL)ETHER
205	1-ISOCYANO-4-METHYLBENZENE
206	SULFONYLBIS(4-CHLOROBENZENE)
207	2-ETHYL-4-METHYL-1-PENTANOL
208	3-METHYLCYCLOPENTANONE
209	XCAPROIC ACID
210	X*+PHENOL
211	2,3,3-TRICHLORO-2-PROPENOIC ACID
212	N-HYDROXYPHTHALAMIDE
213	1-ETHOXY-1-METHOXYETHANE
214	1-1-DIMETHOXYPROPANE
215	~~2,3-DIMETHYLMALEIC ACID~~ SEE NO. 32
216	ISOPROPYL BENZOATE
217	BENZOTHIAZOLE
218	1,1-BIS(4-ETHYLPHENYL)ETHANE
219	ADIPIC ACID, DIHEXYL ESTER
220	X+$BUTYL BENZYL PHTHALATE
221	4-ETHYLSTYRENE
222	XSTILBENE (CIS OR TRANS, SEE NO. 515)
223	ISOPENTADECANOIC ACID
224	X*+$PENTACHLOROPHENOL
225	2-HYDROXY DECANOIC ACID

* SEE FOOTNOTE ON LAST PAGE



(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C	V1X	T2B	T1C	T1K	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2M	R1C	R2C	E1C	D2N	B2C	B3C
226	XMETA-CRESOL		1																									
227	3,4-DICHLOROBENZOIC ACID		0				3*				4					2												
228	2-HEPTENYLBENZENE	A	5																		5					3	2	5
229	X2-METHYLNAPHTHALENE	A	5			2*		-1	2*	1	2	1	3*		1*												2	
230	XBIPHENYL	A	5	1			3*	1	3*		3	0	5*	1	3*	0			2	2	1		1	1				4
231	2-METHYL BIPHENYL	A	5						4*		2		5*		4	0	-1	1		4	2	2	1	3		2		1
232	3,4'-DIMETHYL-1,1'-BIPHENYL	A	5																1									
233	XSTILBENE OXIDE	A	5						2*				5*		3*													
234	1,1'-BIS(M-ETHYLPHENYL)ETHANE		1																									
235	ANEISOPENTADECANOIC ACID		5		4						4																	
236	XCYCLOPROPYL METHYL KETONE		5										2									3	5		3		3
237	2-METHYLCYCLOPENTANOL (GEOMETRY UNKNOWN)		2						5		4				1						4					3	
238	1-HEPTADECANOL			2		3	3					4	5			2		1	5	4				1	2	1		
239	X*4P-CHLOROPHENOL			4							4	5	2	5		3			5	5								
240	2,3-DIMETHYLBENZOIC ACID			4				5																				
241	PHENOXY ACETIC ACID			3*					5																			
242	X1,4-DIOXANE			1		3	3				4*		2*	4	2*	2*			2*		5*	5*	3*					
243	X*2,4-DICHLOROPHENOXYACETIC ACID, (2,4-D)			4				1	4		4		4		3									1				2*
244	2-(2-HYDROXYPROPOXY)-1-PROPANOL (A DIPRO			4																				2				
245	CYCLIC TETRAMETHYLENE ADIPATE			4																								
246	1-CYCLOPENTYLETHANONE			4																								
247	METHYL N-AMYL KETONE				4	-1		4	4				2		3		3		5									
248	2-METHOXY-4-METHYL-2-PENTENOIC ACID			4	4		5	3				2	3	4		1			4					2		5		5
249	2,4,6-TRIMETHYLBENZOIC ACID				2	3		2			5		3		2		2	4	5	4								
250	ORTHO-TOLUIC ACID					3		3			5		3			4		3		5								4
251	2-PHENYLPROPIONIC ACID					3		4			5		3		4	3		4	3		5	5	3	4	2	1	2	
252	XHYDROCINNAMIC ACID					3																5		4		2		
253	3,4-DIMETHYLBENZOIC ACID					4		4			5											5				2		
254	2,5-DIMETHYLBENZOIC ACID					4							4		3			3										
255	3-METHYL-2-HEPTANOL					4					5																	
256	XBENZYL ALCOHOL					3					2	1	3	3	3			2										
257	BIS(2-ETHOXYETHYL)ETHER					2									2				2									
258	X*O-CHLOROANILINE					3	4	5	5							1				2		4	5		3	3	3	
259	3,3-DIMETHYLBUTYRIC ACID					3											5										4	
260	XSACCHARIN					0	1											2	5				1	1				
261	2-ETHYLBUTYRIC ACID						4	4	3	3	2				2		5				4						2	
262	CHRYSANTHEMIC ACID						3								3						5						2	
263	XPENTABARBITAL							2	3								4			5	5						2	
264	TRANS-9-HEXADECENOIC ACID							4																			2	
265	2-PHENYLBUTYRIC ACID							5									3				5							
266	PHTHALIDE							5											5	4			4					
267	2-HEXANOL								4						3				4	5								
268	TRI-N-PROPYLENE GLYCOL, METHYL ETHER										5						4	3	5	5	5		3					
269	2-(2-METHOXYPROPOXY)-1-PROPANOL (A DIPR										3	3	5		3				4	5			2				2	
270	XN-UNDECYLIC ACID										2						5											
												1					5											
													2						3	3	5						3	
																						5	4			3		

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C*	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	Q2C	D2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
271	7-OCTEN-2-ONE													2														
272	XCHLOROFORM													3	3					5								5
273	XMETHYLPHENYL CARBINOL														1													
274	DIOCTYL AZELATE															1												5
275	3-METHOXY-1,2-BENZISOTHIAZOLE																3		4	5							5	
276	2-METHYL-3-HEXENOIC ACID																	2				5						
277	5-PHENYL PENTANOIC ACID																	5										
278	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID																	5				3						
279	XETHYL ACETATE																	5										
280	XMETHYL ISOBUTYL KETONE																	5										
281	N-BUTYL ACETATE																	5										
282	4-ETHOXYBUTYL BUTANOATE																	5										
283	*TRICRESYL PHOSPHATE (ISOMER UNKNOWN)																	5										
284	3M-CHLOROPHENOL																		5									
285	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECA																		2					1			5	
286	1,2-BENZISOTHIAZOL-3(2H)-ONE																			5								
287	1,3-DIMETHYL BUTABARBITAL																			5				4*				
288	1-PHENYL-1,2,3-PROPANETRIOL																			5								3
289	N,N-DIMETHYLHEPTANAMIDE																			5								
290	XMETHYL CHLOROFORM																			5								
291	2,2-DIMETHYL-1-BUTANOL																			5								
292	SUBERANE																				5							
293	2-TERT-BUTYLCYCLOHEXANOL																				5							
294	XADIPIC ACID																				5							
295	2,2-DIMETHYLVALERIC ACID																					5						
296	ETHENYL CYCLOPENTANEACETATE																					5						
297	(2,5-DIMETHYLBENZENE)BUTANOIC ACID																					5						
298	XARACHIDONIC ACID																					5						3
299	TRIPROPYLENE GLYCOL, METHYL ETHER																						4	4	1	3	5	
300	XP-METHOXY-T-BUTYL PHENOL																						3	5				
301	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL																						5					3
302	1-((2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)OX																						5					
303	ANTEISOHEPTADECANOIC ACID																						5					
304	TETRAETHYLENE GLYCOL MONOBUTYL ETHER																							5				
305	8,11-OCTADECADIENOIC ACID																							5				
306	LIGNOCERIC ACID																							5				
307	MYRISTYL ALCOHOL																							5			5	
308	3-METHOXY-2-BUTANOL																							5			3	
309	1,5-BIS(T-BUTYL)-3,3-DIMETHYL BICYCLO(3.																								5			
310	OCTADECATRIENOIC ACID																									5		
311	ACENAPHTHYLENE																									5		
312	PIPERIDINOL																										5	
313	DIETHYL CARBINOL																										5	
314	2,3-DIHYDRO-4-METHYLFURAN						2*		3*	5	4		3		4												5	
315	ETHYLBENZALDEHYDE	A	4	2		4*	3	4*	2			5*	5	4*	2	1*												

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1*C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
316	2*,3*-DIMETHYLACETOPHENONE	A											4*		5*		1*											
317	3-ETHYLSTYRENE	A	4	2					4*			1	4*	5	4*													
318	ETHYL MYRISTATE	A	4				4*		2*				4*	5	3*		1*							2				
319	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE			2			3							5														
320	%* (2,4,5-TRICHLOROPHENOXY)ACETIC ACID				1		3	0			4			5										1				
321	3,4-DIMETHYL-2,5-FURANDIONE								3		4			5														2
322	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (T	a							4*	1	2				5		3						2	1				
323	DIETHYLENE GLYCOL, MONOMETHYL ETHER (C												3	5	4	4	0	3	1	4				1				3
324	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE													5														
325	2,3-DIMETHYLMALEIMIDE													5														
326	5,6-DIMETHYL-1-INDANONE													5														
327	4A,5,6,7,8,8A-HEXAHYDRO-4A,8A-DIMETHYL-2													5	5													
328	%O-CRESOL														5													4
329	4,4-DIMETHYLDIHYDROFURANONE									5																		4
330	3-METHYLPENTAN-3-OL	0				4	3				3*	5				2*	2	3*			2*							
331	2,5-HEXANEDIONE				3	3		1		3		5	2	4		4	3	3		3	4	2	2		4	0		1
332	VERATRIC ACID		1					2					5			2	3											
333	%1-METHYLNAPHTHALENE	A	4				1*		1*		2	1	5*	0	3*	-1			1	2	1		1	1				0
334	(1-NITROPROPYL)BENZENE		4										5*															
335	2,5-DIMETHYLBENZALDEHYDE	A	4	1			3*						5*	3	4*		0											
336	3-METHYLBIPHENYL	A	1										5*															
337	ETHYL LAURATE	A					4		2				5*	2	4*		1*											
338	2-ETHYL INDAN	A											5*															
339	2,2,5,7-TETRAMETHYL TETRALIN	A											5															
340	BENZYL METHYL KETONE												5		4	1												
341	3,5-DIMETHYLBENZOIC ACID		1	1				3		3		5	3*		4*	3	2*	2	3	3	3	4	2	3		2		
342	DIISOBUTYL KETONE		2									5									1							
343	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE					3		3	3	5		5	4	4	4	4	2											3
344	5-METHYL-2-HEPTANOL						4					5																
345	ISO-HEXANOIC ACID									3	3	5	3	2	2						4		2					
346	HEXAHYDROBENZOIC ACID									4		5	3				1									2		3
347	%2-PHENYLISOPROPANOL									4	5	5	4										3	3				
348	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL										3	5												1				4
349	4-METHYLHEXANOIC ACID											5		1		2												
350	3-METHYLPENTANAL											5												3				
351	~~ISOBUTYLCYCLOHEXANE~~											5																
352	2,2-DIMETHYL-1-PENTANOL											5				-1												
353	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL											5																4
354	1-(ETHENYLOXY)HEXANE											5		3		4												
355	FENCHYL ALCOHOL											5																
356	%MENTHOL											5																
357	1-(TRIMETHYLOXIRANYL)ETHANONE											5																
358	%ENDO-BORNEOL											5												3				
359	1,2 3,5-BIS-O-(1-METHYLETHYLIDENE)-ALPHA											5																
360	4-NONANOL											5																

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
361	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL											5																
362	NONADECANOL											5																
363	ANISIC ACID		0				4	4	4		5	4	3*		3*	2									1	2	2	
364	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4				3			4			5	4	4			3							3					
365	1,3-DICHLORO-2-METHYLBUTANE (A DICHLO							2		5	5	4				8	2											
366	DIPROPYLENE GLYCOL, METHYL ETHER							2	4	4	5	3	4					5		3		2	3					4
367	5,5-DIMETHYL-2-FURANONE							3		3	5					3												3
368	%TCA(TRICHLOROACETIC ACID)										5					4												
369	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNO										5						-1											
370	PIVALIC ACID										5					4												
371	3-CHLOROCYCLOPENTENE										5	3				4												
372	6-(ACETYLOXY)-2-HEXANONE										5					3	2						2		3			
373	6,7-DODECANEDIONE										5																	
374	DIETHYL PENTYL PHOSPHATE										5																	
375	7-TRIDECANONE										5																	
376	%LAURYL ALCOHOL										5																	
377	N,N,4-TRIMETHYLBENZENESULFONAMIDE										5																	
378	ISOPROPYL HYDROPEROXIDE										5																	
379	3,4-EPOXY-2-HEXANONE										5																	
380	%+$DIHEXYL PHTHALATE	2									5																	
381	LEVULINIC ACID	0								5*						2*	2*				4*				3*			
382	1-HEPTEN-4-OL				2	4	3	4		5	3	3	3	3	3	3	4			3	3							2
383	2-METHYL-1-PENTEN-3-OL					3				5						3												
384	N,N-DIETHYL FORMAMIDE					4				5						4		1			2							
385	2-METHYL-2-HEPTANOL						3	3		5			1			3	1					3						
386	3,5-DIMETHOXYPHENOL							1		5						1												
387	%ANOBARBITAL									5																		
388	PETROSELINIC ACID									5							4		4									3
389	%CYCLOHEXYL BROMIDE									5	2					8	2											
390	5-METHYL-3-HEXANOL									5							1											
391	2-METHYL-2-BUTEN-1-OL									5	4					2												
392	5-ETHYL-2-HEPTANOL									5																		
393	3-METHOXY-1,3,4-HEXATRIENE									5																		
394	2-METHYL-2-ISOBUTYLOXIRANE									5																		
395	1-METHYLHEXYLHYDROPEROXIDE									5																		
396	2-BUTYL-3-METHYLOXIRANE									5																		
397	2-METHOXY-4-METHYL-2-PENTENOIC ACID, MET									5																		
398	2,3,4-TRIMETHYL-3-PENTANOL									5	4										3							
399	1-ISOCYANONAPHTHALENE									5																		
400	N-TERT-BUTYL-3-METHYLBENZAMIDE									5																		
401	4,5-DIETHYL-2,3-DIHYDRO-2,3-DIMETHYLFURA									5																		
402	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE									5																		
403	2,5-DIMETHYL-2-HEXANOL									5																		
404	PROPYLOXIRANE									5																		
405	%CYCLOHEXYL ACETATE									5	1	1			1													

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
406	X(ETHOXYMETHYL)OXIRANE	
407	4-HEPTANONE	
408	4,6-DIMETHYL OCTANOIC ACID	
409	O-CRESYL ACETATE	
410	3-HYDROXYNONANOIC ACID	
411	XZ,4-DIMETHOXYBENZOIC ACID	
412	P-ETHYLBENZOIC ACID	
413	4-HYDROXY-4-METHYLCYCLOHEXANONE	
414	X*P-CRESOL	
415	1,1-DIPHENYLETHANE	
416	2-BUTYL THF	
417	METHYL AMYL CARBINOL	
418	XETHYL CARBONATE	
419	5-METHYL HEXANOIC ACID	
420	4,5-DIMETHYL-2-HEPTEN-3-OL	
421	5-METHYL-2-HEPTANONE	
422	1,3,3,7-TETRAMETHYL-2-OXOBICYCLO(2.2.1)H	
423	BUTYL ISOBUTYRATE	
424	2-ETHYLCYCLOHEXANONE	
425	DIETHYLENE GLYCOL, METHYL ETHYL DIETHER	
426	2-METHYLHEPTANOIC ACID	
427	1,6-HEXANEDIOL	
428	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN	
429	CYCLOHEXANEHEXANOL	
430	2,5-DIMETHYLHEXANE	
431	2,2,5,5-TETRAMETHYL THF	
432	X4(1H)-PYRIMIDINONE	
433	3,5-NONADIEN-7-YL-2-OL	
434	4,4,5,5-TETRAMETHYL-1,3-DIOXOLAN-2-ONE	
435	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	
436	OXACYCLOTETRADECAN-2-ONE	
437	1,1-DICHLORO-2-HEXANONE	
438	4,4-DICHLORO-3-HEXANONE	
439	DIHYDRO-5-METHYL-2(3H)-FURANONE	
440	G3-DIHYDROXYBENZOIC ACID	
441	4-BUTOXYBUTYRIC ACID	
442	X$1,2-DICHLOROETHANE	
443	PENTAETHYLBENZENE	
444	XDMF (DIMETHYL FORMAMIDE)	
445	N-ACETYLCYCLOHEXYLAMINE	
446	O-ETHYLBENZOIC ACID	
447	X+$DICHLOROETHYL ETHER	
448	XETHYL BENZOATE	
449	ETHYL PENTADECANOATE	
450	ETHYL STEARATE	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C	V<X	T2B	T1C	T1K	T1Y	T4C	T4X	M22C	N22C	P22C	P22X	D22C	D22X	S22C	S22X	L22M	C3C	C1M	C1N	C2M	R1C	R2C	E1C	D2M	B22C	B23C
451	X*+$P-DICHLOROBENZENE	*																										
452	METHYL LAURATE				1	1																						
453	METHYL-2,4-DIMETHYL BENZOATE						4	0		2	4	0				-1	2		1		2			1				
454	2,3-DICHLOROANILINE	a		3			4*																					
455	XDIMETHYL PHTHALATE	a		2			4*																	2				
456	XBENZYL CYANIDE				3		4		2			2												2				
457	3-HEPTANOL				4		4									1												
458	1-CHLORO-2-METHYL-2-BUTENE				2		4																					
459	NEOPENTYL CHLORIDE					3	4			2	4	4				1			4		1		4	4	2		4	4
460	1-BROMO-4-ETHYLBENZENE						4										-1						4	3			1	
461	2,4,5-TRICHLOROANILINE						4			2													3				4	2
462	*PENTACHLOROANILINE						4																					
463	1,2,2,3-TETEACHLOROPROPANE						4									1												
464	X*+$1,2,4-TRICHLOROBENZENE						4	2															2					
465	2,4-DICHLORO-1-NITROBENZENE						4			2		0				-1	2				1			1				
466	+XLINDANE (BETA ISOMER)						4				3					0												
467	X*PENTACHLORONITROBENZENE						4																					
468	DIMETHYL AZELATE						4																					
469	4-TERT-BUTYL-2-METHYLPHENOL						4																					
470	4-METHYLPHENYLSULFONYL ACETIC ACID, METH						4	0																				
471	4-METHYL-1-PHTHALAZINONE						4							4	2													
472	2-METHYL-2-PENTANOL						4																					
473	XCAMPHOR						4																					
474	PENTYLENETETRAZOLE						4			4	4		1		2													
475	SUCCINIC ACID, DIMETHYL ESTER						4								2													
476	XDIETHYL SUCCINATE						4						3															
477	2,2-DIMETHYLGLUTARIC ACID						4																					
478	1-(METHYLPHENYL)ETHANONE						4																					
479	METHYLSULFONYL BENZENE		A				4*	2*						2*					4		4							
480	ALLYL-1,3-DIOXANE						4																					
481	METHYL CAPROATE						4														2							
482	METHYLCAPRYLATE						4																					
483	METHYL PELARGONATE						4																					
484	ETHYLNONENOATE						4				2								2									
485	METHYL CAPRATE						4																					
486	BENZONITRILE						4																					
487	PHENYLPROPIONIC ACID,METHYL ESTER						4							4*		-1					3						3	
488	2,4,5-TRICHLOROPHENOXY ACETIC ACID, METH						4																					
489	2,2-DIMETHYL-3-PENTANOL						4																					
490	(1-ETHOXYETHYL)BENZENE						4																					
491	1,2-DIMETHYL-4-NITROBENZENE		a				4*																					
492	METHYL HEPTADECANOATE (METHYL MARGARAT						4																					
493	2-HEXENOIC ACID						4																					
494	XDALAPON						4																					
495	HENEICOSANIC ACID			4	4		3																					
					4		3	3				2															4	
					4										3	3												
																							3				3	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
496	HEPTYL ALCOHOL	
497	6-UNDECANOL	
498	P-ISOPROPYL BENZOIC ACID	
499	4,4-DICHLOROBUTENOIC ACID	
500	XANTHRANILIC ACID	
501	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID	
502	2-PHENOXYETHANOL	
503	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE	
504	N,N≠-DIMETHYLUREA	
505	2,6-DI-T-BUTYL-P-BENZOQUINONE	
506	DIPHENYLMETHANE	
507	XCAFFEINE	
508	1,2-DIHYDRONAPHTHALENE	
509	TETRAETHYLBENZENE	
510	1-ETHYLNAPHTHALENE	
511	1-METHYL-7-ISOPROPYL NAPHTHALENE	
512	X3-METHYLPHENANTHRENE	
513	1-PHENYL TETRALIN	
514	1,1-BIS(O-ETHYLPHENYL)ETHANE	
515	XSTILBENE(TRANS OR CIS, SEE NO. 222)	
516	2-PHENYL TETRALIN	
517	3-ETHYLACETOPHENONE	
518	2-(ETHYLPHENYL)PROPYL METHYL ETHER	
519	2-METHOXY-1-PROPANOL	
520	ISOMYRISTIC ACID	
521	9-KETOCAPRIC ACID	
522	ISOPALMITIC ACID	
523	XP-CHLOROBENZOIC ACID	
524	XCETYL ALCOHOL	
525	XETHYLENE TETRACHLORIDE	
526	2-METHOXY-3-METHYL-2-PENTENOIC ACID	
527	4-OXO-NONANOIC ACID	
528	3-METHYL-2-CYCLOHEXEN-1-ONE	
529	BUTYLBENZYLPHTHALATE	
530	2-METHYL-2-PROPYLHEXANOIC ACID	
531	M-CHLOROBENZOIC ACID	
532	XCHLOROBENZENE	
533	BETA,BETA-DIMETHYLPHENYLACETIC ACID	
534	3-PHENYL PENTANOIC ACID	
535	X*+$2,4-DICHLOROPHENOL	
536	4-HYDROXY-4-METHYL-2-PENTANONE	
537	X PYRIDINE	
538	2,2-DIMETHYL BUTYRIC ACID	
539	ACETOACETIC ACID	
540	2-(HYDROXYMETHYL)BENZOIC ACID	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
541	TERPIN	
542	3-METHYL VALERIC ACID	
543	3-METHOXYBENZOIC ACID	
544	3-HYDROXYTETRADECANOIC ACID	
545	2,6-DICHLOROBENZOIC ACID	
546	UNDECANEDIOIC ACID	
547	5-EPIDEOXYPODOCARPIC ACID	
548	DIACETONE ALCOHOL	
549	3-OCTANONE	
550	3-OCTENOIC ACID	
551	O-ANISIC ACID	
552	DICYCLOHEXYLADIPATE	
553	5-METHYL-2-HEXANOL	
554	PIPERIDINONE	
555	TRIDECYLIC ACID	
556	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	
557	XP-TERT-BUTYL PHENOL	
558	VACCENIC ACID	
559	6-METHYL-3(2H)-BENZOFURANONE	
560	1,3-DIMETHOXY-2-PROPANOL	
561	DIMETHYLSULFONE	
562	P-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL	
563	3-METHOXY-2-METHYL-2-PENTENOIC ACID	
564	3,3 DIMETHYLGLUTARIC ACID	
565	X$BUTYL(BUTOXY CARBONYL) METHYL PHTHALATE	
566	$DIMETHYL TEREPHTHALATE	
567	$TERT-BUTYL METHYL PHTHALATE	
568	X2-HYDROXYBIPHENYL	
569	CIS-2,5-DIMETHYLTETRAHYDROFURAN	
570	N-METHYLETHOSUXIMIDE	
571	4-TERT-BUTYL-O-PHENYLENE CYCLIC CARBONAT	
572	BUTABARBITAL	
573	2,6-BIS(1,1-DIMETHYLETHYL)-4-ETHYLPHENOL	
574	ANISOLE-2-ACETIC ACID	
575	BETA,3,4-TRIMETHYLBENZENEPROPANOIC ACID	
576	4-(1,5-DIMETHYL-3-OXOHEXYL)-1-CYCLOHEXEN	
577	2-(PHENYLMETHYL)BENZOIC ACID	
578	BENZOFURANONE	
579	1,3-PROPYLENE GLYCOL, BUTYL METHYL DIETH	
580	ALPHA,ALPHA-DICHLOROPHENYLACETIC ACID	
581	XP-TOLUENESULFONAMIDE	
582	1-(2-BUTOXY-1-METHYLETHOXY)-2-PROPANOL (	
583	6-METHYL-TETRAHYDRO-2-PYRANONE	
584	3,3-DIETHYLPENTANE	
585	1-METHOXY-2-HEXENE	

(continued)

TABLE 21. (continued)

	COMMON NAME	*	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
586	DI-N-HEXYL ETHER		
587	1-METHOXY-2-BUTANOL		
588	2,3-DIMETHYL-3-PENTANOL		
589	2-METHYLGLUTARIC ACID		
590	2-ACETYL-4-METHYL-4-PENTENOIC ACID		
591	2,6-DIMETHYLPHENOXY CARBONIC ACID		
592	X6-HYDROXYCAPROIC ACID LACTONE		
593	2,3-DIMETHYLTETRAHYDRO-2-FURANOL		
594	XTRIMETHYL NITROSO UREA		
595	3,4-DIHYDROXY-6-METHOXY-1-NAPHTHALENONE		
596	XMESITYL OXIDE (3-ISOHEXEN-2-ONE)		
597	1-ETHOXY DECALIN		
598	NONADECANOIC ACID		
599	BEHENIC ACID		
600	1,3,6-TRIOXOCANE		
601	2-ETHYL-1,3-HEXANEDIOL		
602	2-ETHYL-5-METHYLDIOXANE		
603	4-HEXEN-2-ONE		
604	3-HYDROXY-1,2-BENZISOTHIAZOLE		
605	O-PROPIONYL BENZOIC ACID		
606	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID		
607	2-AMINO-5-CHLOROBENZOIC ACID		
608	2,3-BUTANEDIOL		
609	EXO-BORNEOL		
610	2,2,3-TRIMETHYL-3-CYCLOPENTENE-1-ACETALD		
611	DICYCLOHEXYL SEBACATE		
612	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXAL		
613	TRIETHYLENE GLYCOL METHYL ETHER		
614	1,3,5-TRIETHYLBENZENE		
615	2,6-DIMETHYL DECALIN	a	
616	XBUTROLACTONE		
617	1,1,3-TRICHLORO-1-PROPENE		
618	SEBACIC ACID		
619	2,6-DIMETHYL ACETOPHENONE		
620	3-OCTEN-2-ONE	a	
621	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-		
622	XSUCCINIC ACID		
623	2-ETHOXYNAPHTHALENE		
624	XN-DECYL ALCOHOL		
625	1,2,4-TRIETHYLBENZENE		
626	TETRALIN	A	
627	DIVINYLBENZENE	A	
628	P-ETHYLBENZALDEHYDE	A	
629	2*-METHYLACETOPHENONE	A	
630	1-METHYL TETRALIN	A	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	*	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
631	1,1-DIMETHYL INDAN-4-CARBOXYLIC ACID, ET	A	1
632	2-ACETYLOXYACETOPHENONE	a	2
633	2',4'-DIMETHYLACETOPHENONE	A	3*
634	X2-ETHYL NAPHTHALENE	A	4
635	2-METHYL INDAN	A	2*
636	2,2-DIMETHYL-3,5-DECADIYNE	A	2
637	5-METHYL INDAN	A	
638	2,5-CYCLOHEXADIENYLBENZENE	a	
639	ALPHA-METHYLSTILBENE	a	
640	2,3,4,5,6-PENTAFLUORO-N-(2-PHENYLETHYL)B	a	
641	4,4'-DIETHYLBIBENZYL	a	
642	DIPROPYLENE GLYCOL METHYL ETHER (1-(2-		
643	3-PROPYLCYCLOPENTENE		
644	2-HENDECANOL		
645	1-UNDECANOL		
646	HEXYL BENZOATE		
647	PENTYL BENZOATE		
648	4-METHYLPHTHALIC ACID		
649	X2-NAPHTHOIC ACID		
650	1,2,3,3-TETRACHLORO-1-PROPENE		
651	1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLO(		
652	2-METHYL VALERIC ACID		
653	1-(4,5-DIETHYL-2-METHYL-1-CYCLOPENTEN-1-		
654	FENCHONE		
655	1-PHENYLBUTYRIC ACID		
656	2-HYDROXYTETRADECANOIC ACID		
657	3-METHYLPHTHALIC ACID		
658	4-METHYL-3-PENTENAL		
659	XCINEOLE		
660	3-ETHOXY-3-METHYL-2-BUTANONE		
661	ISOPROPENYLBENZENE		
662	6-METHOXY-2-HEXANONE		
663	2,4-HEPTANEDIONE		
664	2-CYCLOOCTYL-2-PROPANOL		
665	METHYL 2,2,3-TRIMETHYLCYCLOPENTYL KETONE		
666	THIOHEXANOIC ACID, S-BUTYL ESTER		
667	3-ETHOXY-3-METHYL-1-BUTYNE		
668	5-(PENTYLOXY)-2-PENTENE		
669	2-ETHYL-3-METHYLOXETANE		
670	2-METHYL-2-PROPYL-1,3-DIOXOLANE		
671	2-ETHYL-1,3,2-DIOXABOROLANE		
672	BORNYL 2,5-DIKETONE		
673	7,7-DIMETHYL-11-DODECEN-2-ONE		
674	METHYL 9-OXODECANOATE		
675	CYCLOOCTANEPROPANOL		

	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	H2C	N2C	P2C	P2X	D2C	D2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
631		1										4*		3*									3				
632			2									4*											2				
633						3*			4			4*		2*		0											
634								2*				4*		3*				1									
635										2		4*	2														
636												4															
637												4*		-1						1							
638												4															
639												4*															
640												4															
641												4*															
642												4															
643												4*															
644												4					3										
645												4															
646												4		2													
647												4			2												
648												4															
649				2								4															
650						2				4	4				1								3				
651						-1		4		3	4			2									2				
652						2				4	4			2													3
653								2		2	4	2	1	1		2				3							
654								4			4					3											
655										4	4						2										
656											4																
657											4																
658											4																
659											4																
660											4																
661											4																
662											4																3
663											4																
664											4																
665											4												2				
666											4																
667											4																
668											4																
669											4	3		3													
670											4	2															
671											4																
672											4																
673											4																
674											4																
675											4																

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
676	CYCLOHEXYL METHYL KETONE	
677	P-ISOPROPYLBENZALDEHYDE; CUMINALDEHYDE	
678	2,3 5,6-DI-O-ISOPROPYLIDENE-ALPHA-D-TALO	
679	1-TERT-BUTYL-4-ETHOXYBENZENE	
680	5-METHYL-1(3H)-ISOBENZOFURANONE	
681	9-OCTADECENAL	
682	4-METHYL-3-HEPTEN-2-ONE	
683	6-METHOXY-2-METHYL-3-HEXANONE	
684	2,6-DIMETHYL-3-HEPTANOL	
685	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	
686	AMYL BUTYL PHTHALATE	
687	2-ETHYL-2-ISOBUTYL-1,3-DIOXOLANE	
688	P-(1-HYDROXY-1-METHYLETHYL)ACETOPHENONE	
689	2,2,6-TRIMETHYLCYCLOHEXANONE	
690	2,3-DIMETHYLBUTYRIC ACID	
691	DICHLOROISOPROPYL ETHER	
692	PENTACHLOROCYCLOPROPANE	
693	2,3-OCTANEDIONE	
694	~~1-ETHYL-2,3-DIMETHYLCYCLOHEXANE~~	
695	BUTYLBENZOATE	
696	XCHLOROBROMOMETHANE	
697	TRICHLOROPHENOXYACETIC ACID (ISOMER UNKN	
698	3-BROMO-1,1-DICHLOROPROPANE	
699	XTERT-PENTYL ALCOHOL	
700	5-METHYLHEXANOL	
701	CIS-3,4,4-TRIMETHYL-5-OXO-2-HEXENOIC ACI	
702	ETHYLENE GLYCOL, MONOMETHYL ETHER	
703	4-ISOPROPYLCYCLOHEXANOL	
704	4-METHYL-3-HEPTANOL	
705	SEC-BUTYLISOPROPYL ETHER	
706	X2-PROPENYL HEXANOATE	
707	CYCLOPENTANONE	
708	VINYL BUTYRATE	
709	TETRAHYDRO-5-METHYL-2-FURANMETHANOL	
710	OCTAHYDRO-2,2,4,4,7,7-HEXAMETHYL-1H-INDE	
711	OCTYL ACRYLATE	
712	XN-METHYL-2-PYROLIDONE	
713	4-KETOISOHEPTANOIC ACID	
714	3-METHYL-4-PENTEN-2-ONE	
715	CIS-1,3-DICHLOROCYCLOHEXANE	
716	3,4-DIHYDRO-6-METHYL-2H-PYRAN	
717	5-METHOXY-2-METHYL-2-PENTANOL	
718	2-VINYLCROTONALDEHYDE	
719	(1-METHYLBUTYL)OXIRANE	
720	2-HYDROXYCYCLOHEXANONE	

(continued)

TABLE 21. (continued)

COMMON NAME — RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

V1C V1X T2B T1C T1X T1V T4C T4X M2C N2C P2C P2X O2C O2X S2C S2X L2M C3C C1M C1M C2N R1C R2C E1C D2N B2C B3C

721 5-METHYL-1-HEXANOL
722 2-T-BUTYL-2-METHYL-1,3-DIOXOLANE
723 3-CHLORO-2-CYCLOPENTEN-1-ONE
724 4,6,6-TRIMETHYLTETRAHYDRO-2-PYRANONE
725 3,7-OCTADIEN-2-ONE
726 2-HEPTENOL
727 2-BUTOXYPENTANE
728 ALPHA-ACETYLBUTYROLACTONE (GAMMA LACTONE
729 2-OCTEN-1-OL
730 CHLOROACETONITRILE
731 XTERPIN SEE NO. 541
732 XCINNAMALDEHYDE
733 2-METHYLENEBUTYRIC ACID
734 XETHYLENE GLYCOL MONOETHYL ETHER; (OXITOL
735 3,6-DIMETHYLOCTANOIC ACID (AN ISODECANOI
736 3-METHYL-4-PHENYLBUTYRIC ACID
737 OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE C
738 1,3-DIMETHYL-2-(2-ISOPROPYLPHENYL)ETHYLC
739 X7-OXABICYCLO(4.1.0)HEPTANE
740 X1,2-DIHYDRO-3,6-PYRIDAZINEDIONE
741 3-HYDROXYOCTANOIC ACID
742 3,4-DIHYDROXYBENZALDEHYDE
743 2,3-DICHLOROACRYLIC ACID
744 5-OXO-HEXANOIC ACID
745 ACETIC ACID
746 X*ANILINE
747 X2,2,2-TRICHLOROETHANOL
748 X*P-XYLENE
749 4-ACETYLMORPHOLINE
750 2-METHYLPHENYLPROPANOIC ACID
751 XTERT-BUTANOL
752 3-METHYL-2-CYCLOPENTEN-1-ONE
753 2,4-DIMETHYL-4-HEPTANOL
754 2-METHYLCAPROIC ACID
755 2,3,4,5,5-PENTACHLORO-2,4-PENTADIENOIC A
756 2-METHYL-2-HEPTEN-4-ONE
757 X2-ACETYLFURAN
758 4-AMINO-3,5-DICHLOROBENZOIC ACID
759 4-ETHYLHEXANOIC ACID
760 XAMIBEH
761 ETHYL ISOBUTYL KETONE
762 XMETHYLAL
763 3-METHYL-2-HEXANOL
764 1-METHYL-4-METHYLENESUBERANE
765 2,4-DIMETHYL-2-PENTENE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
766	ACETYL ISOBUTYRYL	
767	DECALIN	
768	1,2-DIMETHYLCYCLOHEXENE	
769	PENTYL TRIMETHYLENE	
770	4-METHOXY-1-BUTANOL	
771	3,4-EPOXY-3-ETHYL-2-BUTANONE	
772	2,7-DIMETHYLOCTANE	
773	3,4-DIHYDRO-2,5-DIMETHYL-2H-PYRAN-2-CARB	
774	1,1,3-TRIMETHYLCYCLOHEXANE	
775	N-BENZOYLGLYCINE, METHYL ESTER	
776	CUMENE ISOPROPYL ETHER	
777	2-ISOPROPYL-1,3-DIOXOLANE	
778	1-OXIRANYLETHANONE	
779	6,6-DIMETHYL-3,4-UNDECADIENE-2,10-DIONE	
780	TEREPHTHALIC ACID	
781	DIMETHYL SULFATE	
782	1-METHYL-4-(1-METHYL-2-BUTENYL)NAPHTHALE	
783	CYCLOPENTYL BROMIDE	
784	2,2-DICHLORO-3-METHYLBUTANE	
785	X*DIPHENYLAMINE	
786	3-HYDROXY-3-METHYL-2-BUTANONE	
787	METHYL PENTADECANOATE	
788	METHYL PALMITATE	
789	METHYL ISOPALMITATE	
790	DIBENZOFURAN (DIPHENYLENE OXIDE)	
791	2,2-DICHLOROBUTYRIC ACID	
792	2-ETHYLHEPTANOIC ACID	
793	4-CHLOROPHENYL ACETATE	
794	2,3,4,6-TETRACHLOROPHENOL	
795	1-CHLORO-2-ETHYLBENZENE	
796	PERCHLOROETHANE	
797	1-BROMO-2-ETHYLBENZENE	
798	CHLOROVINYLBENZENE	
799	$1,2,3-TRICHLOROBENZENE	
800	3,5-DIBROMOTOLUENE	
801	(1,2-DICHLOROETHYL)BENZENE	
802	XM-CHLORONITROBENZENE	
803	*2,4-DICHLORONAPHTHALENE	
804	CYCLOPENTENE	
805	X+$M-DICHLOROBENZENE	
806	X*+$NITROBENZENE	
807	1-CHLOROTRICYCLO(4.3.1.13.8)UNDECANE	
808	DECAMETHYLCYCLOPENTASILOXANE	
809	2-CHLORO-1,3,5-TRIMETHYLBENZENE	
810	1-CHLORO-2(PHENYLETHYNYL)BENZENE	

(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C	V1X	?2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	D2C	D2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
811	2-METHYLBENZOTRIAZOLE						3																					
812	%ETHYLENE GLYCOL, BIS(2-CHLOROETHYL) ETHE						3																					
813	CYCLODODECANOL						3					3																
814	DIMETHYL SUBERATE						3																					
815	METHYL SUCCINATE,DIMETHYL ESTER						3																					
816	N-METHYL ETHENAMINE						3																					
817	%HEPTANOIC ACID,ETHYL ESTER						3																					
818	2-(2-CHLOROETHOXY)ETHANOL						3																					
819	UNDECANOIC ACID,METHYL ESTER						3																					
820	%BENZENEACETIC ACID,ETHYL ESTER						3																					
821	METHYL P-ETHYLBENZOATE						3																					
822	%CLOFIBRATE						3							3														
823	%9H-FLUOREN-9-ONE						3																					
824	%1-METHYL-2,4-DINITROBENZENE						3																					
825	2,4-DICHLOROPHENOXY ACETIC ACID, METHYL						3	0								0												
826	METHYL ISONONANOATE						3																					
827	%ETHYL CAPRYLATE						3																					
828	2-KETOPENTANEDIOIC ACID, DIMETHYL ETHER						3																					
829	CLOFIBRIC ACID,METHYL ESTER						3																					
830	METHYL ISOTRIDECANOATE						3																					
831	ETHYL 7-METHYLMYRISTATE						3																					
832	METHYL PENTACOSANOATE						3																					
833	1-HEXANOL						3																					
834	%HEXYL METHYL KETONE	0			3																							
835	5-HEXEN-2-OL		0		3																							
836	%N-AMYL ALCOHOL			2	2	3		1*																				
837	%NICOTINE				3	3			3							2												
838	3-METHYL-4-HEPTANONE				3	3	2																					
839	2-DODECANOL				2	3	0	2					2		1											3		
840	2-HYDROXY-6-METHYLBENZOIC ACID					3								2		0			3				2				2	
841	2-BROMO-1,2-DICHLOROPROPANE				3																		2					
842	1-BROMO-2,3-DICHLOROPROPANE				3								3															
843	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL				3					3																		
844	TRIPROPYLENE GLYCOL				3					2																	2	
845	%2,6-LUTIDINE				3																							
846	%2,4-LUTIDINE				3																							
847	2,3-LUTIDENE				3		1							0				2	3			2	3					
848	2,4,6-COLLIDINE				3		0				1												1					
849	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE				3		0																1					
850	2-PHENYL ACROLEIN				3								1										2					
851	1-METHYLISOQUINOLINE				3									2	2				2				2					
852	2-3-DIMETHYL QUINOLINE				3																							
853	DIDEHYDROGENATED ABIETIC ACID				3									3		0												
854	%PHENANTHRENE	0												0														
855	1,2-BENZISOTHIAZOLE	-1	3	1	1*	2*		1*	1*		3*		2*	0*	1*				2*	2*		2*	3*		1*	3*	3*	
		1																					3*		3*		1*	

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
856	N-PROPYL-1-HEXANAMINE	
857	1,2-DIHYDRO-4-PHENYLNAPHTHALENE	
858	M-DIETHENYLBENZENE	
859	1-PHENYL-3-BUTEN-2-ONE	
860	BUTYLATED HYDROXY TOLUENE (BHT)	
861	ACETALDEHYDE DIETHYL ACETAL	
862	7-METHYL-3(2H)-BENZOFURANONE	
863	NEOPENTYL ALCOHOL	
864	3-7,11-TRIMETHYL-3-DODECANOL	
865	2,2#-BI-1,3-DIOXOLANE	
866	N-PROPOXY ETHANOL	
867	ALPHA-PICOLINE	
868	ISOVALERAMIDE	
869	$O-CHLOROPHENOL	
870	$DI-N-PROPYL PHTHALATE	
871	X+*2,4-DIMETHYLPHENOL (XYLENOL)	
872	PSEUDOCUMENE	
873	1-INDANONE	
874	OCTADECANOL	
875	COTININE	
876	TETRAETHYLENE GLYCOL DIMETHYLETHER	
877	1,4,6-TRIMETHYL NAPHTHALENE	
878	MENTHONE	
879	5-ETHYLDIHYDRO-2(3H)-FURANONE	
880	VERATRALDEHYDE	
881	TRIETHYLENE GLYCOL, DIMETHYL ETHER	
882	4,4-DIMETHYL-2-PENTENOIC ACID	
883	4-OCTENOIC ACID	
884	XCHLOROACETONE	
885	7-NONENOIC ACID	
886	2,6-DIMETHYLHEPTANOIC ACID	
887	~~2,4-DIMETHYL HEXANE~~	
888	VINYL ACETATE	
889	XMALONIC ACID	
890	4-METHYLPHENYLPENTANOIC ACID	
891	$ISOBUTYL METHYL PHTHALATE	
892	$SEC-BUTYL METHYL PHTHALATE	
893	METHYL METHOXYMETHYL FORMAL	
894	XM-CHLOROANILINE	
895	9-DODECENOIC ACID	
896	2,3,3-TRIMETHYL-3H-INDOLE	
897	2,5-DI-T-AMYL QUINONE	
898	XTETRAMETHYLUREA, TMU	
899	P-METHYLANISOLE	
900	ALPHA-METHYL-ALPHA-ACETYLOXYBENZENEACETI	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED																							
		V1C	V1X	T2B	T1C	F1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	D2C	D2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
901	2,5,8-TRIMETHYL-1-NAPHTHOL																				3							
902	2,5-DIMETHYL STYRENE																				3							
903	1-(3-BUTOXYPROPOXY)-2-PROPANOL (A DIPROP																				3							
904	3-METHYL PHTHALIDE																				3							
905	BUTYL M-TOLYL SULFIDE																				3							
906	TETRAHYDROPYRAN-2-METHANOL																				3							
907	3-ETHYL-4-METHYLHEXANE																				3							
908	2-NORBORNENE-7-OL																				3							
909	2-HEXENAL																				3							
910	2,6-DIMETHYL-2-HEPTEN-4-ONE																				3							
911	4-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID																				3							
912	2-ETHYL-2-METHYLBUTYRIC ACID																				3							
913	4-METHYL-2-PHENYLQUINOLINE																					3						
914	1-(PHENYLMETHYL)ISOQUINOLINE																					3						
915	1,2,4-TRIMETHYL-1,3-DIAZOCYCLOHEX-1-ENE																					3						
916	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE																					3						
917	VINYL CYCLOHEXYLFORMATE																					3						
918	DIETHYLENEGLYCOL, CYCLOHEXYL ETHER																					3						
919	ISOINDOLE-1,3-DIONE																					2						3
920	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID																					3						
921	TRICOSANOIC ACID																						3					
922	NONACHLOR																						3					
923	3-ETHOXY-1(3H)-ISOBENZOFURANONE																						2	3				
924	2-ISOPROPYLTHIOPHENE																						3	2				
925	3-(2-HYDROXYPROPYL)-5-METHYL-2-OXAZALIDI																						3					
926	3-METHYLOCTAHYDROPENTALENE-1-CARBOXYLIC																						3					
927	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE																						3	3				
928	2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCL																							3				
929	4-ISOPROPOXYBUTYRIC ACID																							3				
930	DIISOPROPYL PHENOL																							3				
931	ISOSTEARIC ACID																							3				
932	ISOEICOSANOIC ACID																							3				
933	PENTACOSANOIC ACID																							3				
934	HEXACOSANOIC ACID																							3				
935	1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A																							3				
936	DIPROPYLENE GLYCOL, 2-PROPENYL ETHER																							3				
937	4-METHOXY-5-METHYL-4-CYCLOPENTEN-1,3-DIO																							3				
938	ISOPROPYL PHENYL PROPAN-1-OL																							3				
939	N-(2-METHYLPHENYL)FORMAMIDE																							3				
940	TETRAPROPYLENE GLYCOL																							3				
941	TETRAPROPYLENE GLYCOL																							3				
942	TETRAPROPYLENE GLYCOL																							3				
943	METHYLDEHYDROABIETATE																							3				
944	1,4-BENZOTHIAZIN-3-ONE																							3				
945	6-NONENE-2-ONE																							3				
																									3 1 3a	2		3a

(continued)

TABLE 21. (continued)

	COMMON NAME		RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
946	DODECANEDIOIC ACID		
947	P-BROMOBENZOIC ACID		
948	2,4-DIBROMOBENZOIC ACID		
949	4-PHENYL-4-OXO-BUTYRIC ACID		
950	4(2,5-XYLYL)BUTYRIC ACID		
951	2,5-DI(CHLOROMETHYL)-3-ETHYL BENZOIC ACI		
952	N-ETHYL-4-METHYL-2-PENTANEAMINE		
953	4-ETHYLPHENOL		
954	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER		
955	2-METHOXY-2-HEXENOIC ACID		
956	3-DICHLOROMETHYL-4,6-DI-T-BUTYL-O-BENZOQ		
957	CYCLOPENTANE CARBOXYLIC ACID, VINYL ESTE		
958	HEXAHYDRO-2H-AZEPINE-2-ONE		
959	O-ALLYLTOLUENE		
960	P-ETHYL-ISOPROPYLBENZENE	a	1 1 3* 0* 3 3* B3C
961	M-ETHYLISOPROPYLBENZENE	A	1 1* 3 B3C
962	(1,1-DIMETHYLPROPYL)BENZENE	A	0 1* 3 1 C1M B3C
963	1-METHYL INDAN	A	1 0* 3 B2C
964	1-ETHYL INDAN		0 1* 2* 3 1* B3C
965	1-METHYL-1,2-DIPHENYLETHANE	A	-1 2* 1* 3* 0* B3C
966	6-METHYL TETRALIN	AA	1 3* 3* B3C
967	2,3,4-TRIMETHYLBENZOIC ACID	A	3* 3* B3C
968	2-METHYL-2-NONEN-4-ONE		2 3* 3* B3C
969	XCHLOROACETIC ACID		2 3
970	P-DIISOPROPYL BENZENE		3 3
971	1-HEPTENYLBENZENE		2 2 3 2 B3C
972	2,3,6-TRIMETHYL BENZOIC ACID		2 3 -1 1 B3C
973	3-METHYL-2,2-DIOXIDE-1H-2,1,3-BENZOTHIAP		2 3
974	ISOPROPYL ACETATE		3
975	.BETA.-OXO-BENZENEACETIC ACID, ETHYL EST		3
976	1,3-DIHYDRO-2,2-DIOXIDE-2,1,3,BENZOTHIAD		3
977	METHYLISOBUTYL BENZENE		3
978	SEC-BUTYL ALCOHOL		3
979	3,5,5-TRIMETHYL-2(5H)-FURANONE		3
980	2-PROPYLCYCLOHEXANONE		3 2
981	5-METHYL-5-PHENYL-2-HEXANONE		3
982	TETRAMETHYLBENZENE PROPANOIC ACID		3
983	2,2-DIMETHYLPROPANOIC ACID, 2,4,6-TRIMET		3 C1M 1
984	6-UNDECANONE		3
985	2,6-DIMETHYLCYCLOHEXANOL		3
986	HEXAHYDRO-3-(2-PROPENYL)-2H-AZEPIN-2-ONE		3
987	1(2,6-DIHYDROXY-4-METHOXYPHENYL)ETHANONE		3
988	XMANDELIC ACID		3
989	(2-CHLORO-2-PROPENYL)OXYBENZENE		3
990	DECYL VINYL ETHER	a	3
			3*

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED																												
		*	V 1 C	V 1 X	T 2 B	T 1 C	F 1 X	F 1 Y	T 4 C	T 4 X	H 2 C	N 2 C	P 2 C	P 2 X	O 2 C	O 2 X	S 2 C	S 2 X	L 2 M	C 3 C	C 1 M	C 1 N	C 2 N	R 1 C	R 2 C	E 1 C	D 2 N	B 2 C	B 3 C
991	.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE A															3													
992	4-BUTYL-1,3-CYCLOPENTANEDIONE															3													
993	PHTHIOCOL															3													
994	P-ISOBUTYLTOLUENE															3													
995	XORCINOL															3													
996	DIBUTYL-3-METHYLGLUTARATE															3													
997	7-METHYL-7-HEPTADECANOL															3													
998	CYCLOHEXYL CHLORIDE															3													
999	1-PHENYLNAPHTHALENE										3	2				3													
1000	2-PHENYLNAPHTHALENE		A	2													1	2											
1001	2-ETHYL TETRALIN		A	1										3*		0*													
1002	X2-METHYLANTHRAQUINONE		A	1						2*				3*															
1003	4-METHYL INDAN		a	1										3*		2*													
1004	BENZILIDENEACETONE		A	-1	,					3*				3*															
1005	2,4-DIMETHYL-1-SEC-BUTYLBENZENE		A	0										3*			0												
1006	4-ETHYLBENZYL ALCOHOL		A							2*				3*		2*													
1007	1,3-DIMETHYNAPHTHALENE		a											3*	2	2*													
1008	(2-METHYL-1-PROPENYL)BENZENE		a											3*		2*													
1009	P-DIPROPYLBENZENE		A											3*								2		1					
1010	(1,1-DIMETHYLBUTYL) BENZENE		A											3*	1	2*		0*											
1011	XAZULENE		A											3*															
1012	1-METHYLFLUORENE		a											3*		2*													
1013	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE		a											3*				1*											
1014	OCTAHYDROINDENE													3*					•					1					
1015	X$O-XYLENE		a											3		1													
1016	BUTYL FORMATE				2			1						3*				0*											
1017	IODOCYCLOHEXANE				2								3				2	2				1							1
1018	2,2-DIMETHYLSUCCINIC ACID										3	2	3		2		0												
1019	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN												3																
1020	4-HYDROXY-3-METHYL-2-(2-PROPENYL)-2-CYCL												3																
1021	OCTAHYDRO-4A,5-DIMETHYL-3-ISOPROPYL-2(1H												3																
1022	2,4-DIMETHYL-2-PENTANOL												3																
1023	D-FENCHONE												3																
1024	1,2-DIMETHYL-3-ISOPROPENYLCYCLOPENTANOL												3			-1													
1025	4,8-DIMETHYL-7-NONEN-2-ONE												3																
1026	2-METHYL-1-PENTEN-3-ONE												3			2													
1027	2,2-DIMETHYL-3,5-DECADIENE												3																
1028	2,4,6-TRICHLOROANILINE												3																
1029	2,4-DIMETHYL HEXANOIC ACID		-1		2			2*			3*	2*				0*	1		1*		1*			2*			0*		
1030	1-ETHYL-3-METHYL BENZENE						1				3																		
1031	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE						1				3			2					2	1									
1032	1,2,3-TRIMETHYL BENZENE							1	1	3	2			1		0		2	1		2			2		1			
1033	1-(3,3-DIMETHYLOXIRANYL)ETHANONE							0	2	3	2	0				1			2	2	1			0					
1034	4,4-DIMETHYL-1,3-DIOXANE							2		3						2													
1035	X3,4-DICHLOROPHENOXYACETIC ACID									3																			

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1036	DODECAMETHYLCYCLOHEXASILOXANE	
1037	X2,6-DIMETHYLNAPHTHALENE	
1038	XO-CHLORONITROBENZENE	
1039	XMESITYLENE	
1040	1-(DICHLOROMETHYL)-4-ETHYLBENZENE	
1041	1,1-DIBUTOXY-BUTANE	
1042	CIS-9-OCTADECENAMIDE	
1043	X*TRIPHENYL PHOSPHATE	
1044	3,3,5-TRIMETHYCYCLOHEXANONE	
1045	4-ISOPROPYLACETOPHENONE	
1046	2-METHYL-3-OXOHEXANOIC ACID, ETHYL ESTER	
1047	DIAMYLPHTHALATE	
1048	4,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ON	
1049	X*O-CHLOROTOLUENE	
1050	1,1,2,3-TETRACHLOROPROPANE	
1051	ETHYL BUTYL KETONE	
1052	XM-AMINOACETOPHENONE	
1053	ALPHA-CHLOROPROPIONIC ACID	
1054	2,3-DIMETHYL-2-PENTANOL	
1055	3-CHLORO-2-METHYL-1-BUTENE	
1056	2,3-DICHLOROISOBUTANAL	
1057	1-CHLORO-3-(CHLOROMETHYL)BENZENE	
1058	1,4-DIHYDRO-1-METHYL-4-OXONICOTINONITRIL	
1059	2,4,4-TRIMETHYL-2-PENTENAL	
1060	1-METHYL-4-ISOPROPYL-1,2-CYCLOHEXANEDIOL	
1061	X3-METHYL-1-BUTANOL ACETATE	
1062	TIGALDEHYDE	
1063	TRIMETHYLOXIRANE	
1064	1-HYDROXY-3-METHYL-2-BUTANONE	
1065	CIS-2,3-EPOXYHEXANE	
1066	2,4-DIMETHYLPENTANAL	
1067	CYCLOHEXYL ETHER	
1068	3-ETHYL-2,2-DIMETHYLOXIRANE	
1069	4-HYDROXY-3-METHYL-2-BUTANONE	
1070	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE	
1071	3-HYDROXYBENZALDEHYDE	
1072	2,2-DIETHOXYETHANOL	
1073	6-ETHYL TETRALIN	
1074	2-HYDROXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE, A	
1075	3,3-DICHLORO-2-PROPENOIC ACID	
1076	3-HYDROXYCAPRIC ACID	
1077	1-ALLYLNAPHTHALENE	
1078	2-METHYLFURAN	
1079	N-PHENYL ACETAMIDE	
1080	N,N-DIMETHYLBENZYLAMINE	

*	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	D2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1036										3					0												
1037										3								2	2								
1038										3																	
1039										3	2				0	2		2		2			2				
1040										3																	0
1041										3																	
1042										3																	
1043										3																	
1044										3																	
1045										3																	
1046										3																	
1047										3					1								1				
1048										3																	
1049										3																	
1050						1	0		3																		
1051							0*		3	2*	1*				-1	0							1	1			
1052							1		3						0*	2									1*		
1053								2	3					2	1	1				2		1					
1054									3																		
1055									3																		
1056									3																		
1057									3																		
1058									3																		
1059									3																		
1060									3																		
1061									3																		
1062									3																		
1063									3						1												
1064									3		1				1												
1065									3						2												
1066									3																		
1067									3																		
1068									3						1												
1069									3																		
1070									3						2												
1071									3																		
1072									3																		
1073							3																				
1074							3*																				
1075				2		2	3				2*		2*														
1076					2		3			2			2														
1077						3																					
1078						0	3																				
1079						3											1		1								
1080						3	3							2													
						3	2						2									2					

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C	V1X	T2B	T1C	F1X	T1Y	F4C	T4X	M2C	N2C	P2C	P2X	D2C	B2X	S2C	S2X	L2M	C3C	C1H	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1081	TETRAPROPYLENE GLYCOL METHYL ETHER																											
1082	4-CHLOROCROTONIC ACID							3																				
1083	M-DI-SEC-BUTYLBENZENE								3				1					2										
1084	P-DI-SEC-BUTYLBENZENE								3																			1
1085	X2-METHYL-2-PHENYLOXIRANE								3																			
1086	6,6-DIMETHYL-2,5,10-UNDECANETRIONE								3																			
1087	2-METHYL-2-CYCLOPENTEN-1-ONE								3							2												
1088	3,4-DIMETHYLBENZALDEHYDE								3					2		2	1											
1089	$ETHYLBENZENE								3																			
1090	3-BROMOHEPTANE			2				2*						2*	2	2*	2*	2*				1*						1*
1091	N-BENZOYL-L-ALANINE, METHYL ESTER					2																						
1092	1,1,2-TRICHLORO-1-PROPENE	1			1					2	2					2												
1093	2-ETHYLACETOACETIC ACID																2											
1094	5-METHYL-3-HEXEN-2-ONE												1	2		2												
1095	4,4-DIMETHYLHEXANAL													2		2												
1096	TETRAHYDRO-2H-PYRAN-2-ONE														1	2												
1097	2-DECANOL															2												
1098	2,5-DICHLORO-4-METHYLBENZOIC ACID															2												
1099	1-NAPHTHOIC ACID															2												
1100	2-CHLORO-3-METHYL-2-BUTENE															2												
1101	*+$PENTACHLOROBIPHENYL + OTHER PCBS															2												
1102	2,4-DICHLOROPENTANE															2												2
1103	3,6-DIMETHYL-3-HEPTANOL															1	2						1					
1104	1-ETHOXY-2-HEPTANONE															2												
1105	3-CYCLOHEXYL-4-PENTEN-2-ONE															2												
1106	3-METHYL-1,2,4-CYCLOPENTANETRIONE															2												
1107	3-ETHOXYPROPANAL															2					1							
1108	1-(1-CYCLOHEPTEN-1-YL)ETHANONE															2												
1109	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE															2												
1110	XBETA-CITRONELLOL															2												
1111	3-ETHYL-4-METHYL-3-PENTEN-2-ONE															2												
1112	4,4-DIMETHYLCYCLOHEXENE															2												
1113	1-NITRO-2-OCTANONE															2												
1114	2,3,3-TRIMETHYLHEXANE															2												
1115	5,5-DIETHOXY-3-PENTYN-2-ONE															2												
1116	3-ALLYL-2,4-PENTANEDIONE															2												
1117	2,2-DIMETHYL-3-PROPYLOXIRANE															2												
1118	7-METHYL-3-OCTEN-2-ONE															2												
1119	MENTHYL ACETATE															2												
1120	3-METHYL-3-DECEN-2-ONE															2												
1121	DI-SEC-BUTOXYMETHANE															2												
1122	XANTHENE															2												
1123	6-DODECANOL															2												
1124	2-METHYL-2-HEXANOL															2												
1125	5-METHYL-3-METHYLENE-2-HEXANONE															2												

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED																													
		V1C	V1X	T2B	T1C	T1K	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1126	CYCLODECANOL															2															
1127	1-(ETHNYLOXY)PENTANE															2															
1128	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE															2															
1129	PHENYLBUTANAL															2															
1130	CIS-5-BUTYLDIHYDRO-4-METHYL-2(3H)-FURANO															2															
1131	2,6-DIISOPROPYLPHENOL															2															
1132	ALPHA-FARNESAL															2	2														
1133	3A,4,5,7A-TETRAHYDRO-4-HYDROXY-3A,7A-DIM															2															
1134	BUTYL CYANATE															2															
1135	ETHYL AMYL KETONE															2															
1136	3,8-NONADIEN-2-ONE															2															
1137	3A,4,7,7A-TETRAHYDRO-2-PROPYL-1H-ISOINDO															2															
1138	2-HEXEN-1-OL															2															
1139	ISOCYANOETHANE															2															
1140	4-PENTEN-2-OL															2															
1141	3-CHLORO-3-BUTEN-2-ONE															2								2							
1142	(2-(PENTYLOXY)ETHYL)CYCLOHEXANE															2															
1143	2,4-DI-TERT-BUTYLPHENOL															2															
1144	2-CHLORO-2-PROPENOIC ACID															2															
1145	BETA-RESORCYLIC ACID																2														
1146	P-NITROBENZOIC ACID																2														
1147	~~HEPTANE~~																2														
1148	TETRAHYDROFURFURYL ALCOHOL; THFA																2			1											
1149	LOLIOLIDE																2														
1150	X*+$FLUORANTHENE																2														
1151	METHYL HEPTADECANOATE	-2				2	0*	0	1*			1				-1			1*				2*					1*		
1152	XPROPIOPHENONE	-1				2																									
1153	(1-NITROETHYL)BENZENE		0			2								1																	
1154	2,3,4,5-TETRACHLOROANILINE		1			2																									
1155	2-METHYL-1-NAPHTHALENOL			1		2			1																						
1156	2,3-DICHLOROBUTENE					2																									
1157	1-BROMO-2-CHLORO-2-BUTENE					2																									
1158	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE					2																									
1159	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE					2																									
1160	X+9H-FLUORENE					2																									
1161	P-BROMOTOLUENE					2												1				2	2					2		
1162	1,2-DICHLORO-3-NITROBENZENE					2																									
1163	2-CHLORO-P-CYMENE					2											1														
1164	2-CHLORO-1-(4-ETHYLPHENYL)-2-METHYL-1-PR					2																									
1165	+X*$LINDANE					2								0																	
1166	METHYL DICHLOROACETATE					2				2					1	1	0							1							
1167	XURETHANE (ETHYLCARBAMATE)					2									1																
1168	4-CHLOROPHENYL ACETIC ACID, METHYL ESTER					2		1						2															2		
1169	METHYL ANTEISOPENTADECANOATE					2																									
1170	P-CHLORO-2-NITROANILINE					2																									

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1171	2,4-D, ETHYL ESTER	
1172	ALPHA-KETOGLUTARIC ACID	
1173	METHYL PROPENYLOXY KETONE	
1174	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	
1175	%ETHYLENE GLYCOL	
1176	GAMMA-PICOLINE	
1177	2,5-LUTIDINE	
1178	2,3,6-TRIMETHYLPYRIDINE	
1179	5-ETHYL-2-PICOLINE	
1180	2,3,4-TRIMETHYLPYRIDINE	
1181	2,4,5-COLLIDINE	
1182	2-ETHYL-6-PICOLINE	
1183	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	
1184	%QUINOLINE	
1185	%QUINALDINE	
1186	DIPROPYLENE GLYCOL	
1187	2-(1-METHYL-2-PIPERIDINYL)-PYRIDINE	
1188	ABIETIC ACID	
1189	METHYLOCTADEC-10-ENOATE	
1190	METHYL-9,11-OCTADECADIENOATE	
1191	M-METHOXYPHENYL ACETATE	
1192	2-METHYL TETRALIN	
1193	4-METHYLPHENANTHRENE	
1194	3-METHYL INDENE	
1195	DIMETHYL NAPHTHALENE	
1196	3-ETHOXYPROPIONITRILE	
1197	(2-PHENYLETHYL)ACETATE	
1198	2-XYLYLETHANOL	
1199	ACETYL BIPHENYL	
1200	4-OCTANONE	
1201	3-BUTEN-2-OL	
1202	0-ETHYLSTYRENE	
1203	1-HEPTADECENE	
1204	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	
1205	DODECANAMIDE	
1206	METHYL-2,3-DIMETHYL BENZOATE	
1207	METHYL-11-OCTADECENOATE	
1208	METHYL-9,12,15-OCTADECATRIENOATE	
1209	%N,4-DIMETHYLBENZENESULFONAMIDE	
1210	3-METHYL-1-PENTANOL	
1211	%P-CYMENE (P-ISOPROPYL TOLUENE)	
1212	4-PHENYL PENTANOIC ACID	
1213	COUMARONE	
1214	%PHENYL ETHER	
1215	*2-METHYL STYRENE	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1216	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	
1217	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	
1218	1,6-DIMETHYLNAPHTHALENE	
1219	4-PHENYLBICYCLOHEXYL	
1220	X*+$HEXACHLOROBENZENE	
1221	X3,5-DICHLOROPHENOL	
1222	O-ETHYL TOLUENE	
1223	4,7-DIMETHYLBENZOFURAN	
1224	1,3,6-TRIMETHYLNAPHTHALENE	
1225	6-METHYL-3,5-HEPTADIEN-2-ONE	
1226	2-METHYLCYCLOPENTANONE	
1227	1-ACETYLPIPERIDINE	
1228	5-ETHENYL TETRAHYDRO-.ALPHA.,.ALPHA.,5-T	
1229	2,4,5,7-TETRAMETHYLPHENANTHRENE	
1230	DIPROPYL CARBINOL	
1231	XGUAIACOL	
1232	8-NONENOIC ACID	
1233	METHOXYNAPHTHALENE	
1234	3,3,4-TRIMETHYLDECANE	
1235	2-OCTYLPHENOL	
1236	1,3,5-TRICHLORO-2-METHOXYBENZENE	
1237	DIMETHYLNAPHTHALENE	
1238	METHYL 4-BUTOXYBUTYRATE	
1239	*TRI-M-CRESYLPHOSPHATE	
1240	2-AMINO-5-PICOLINE	
1241	TRANS-2-ETHYL-3-PROPYLOXIRANE	
1242	PENTACHLOROPYRIDINE	
1243	2,3,4-TRIMETHYLOXETANE	
1244	2,5-DIMETHYL THF	
1245	4-BROMO-3-PHENYLSYDNONE	
1246	3,8-DIMETHYL-5-ISOPROPYL-1,2-NAPHTHOQUIN	
1247	CHLORODIODOMETHANE	
1248	1-METHYL-4-(1-METHYLETHENYL)-CYCLOHEXENE	
1249	1-(2-BROMOETHYL)-4-CHLOROBENZENE	
1250	3,4,5,6-TETRAMETHYLPHENANTHRENE	
1251	(2-BROMOCYCLOPROPYL)BENZENE	
1252	OCTAHYDROAZOCINE	
1253	PIPERIDONE	
1254	P-TOLYL ACRYLIC ACID	
1255	N-HEXYLBUTANAMIDE	
1256	4H-PYRAN-4-ONE	
1257	2-CYCLOHEXENOL	
1258	5-DECANONE	
1259	3,3-DIMETHYL-2-HEXANONE	
1260	4-METHYLHEXANAL	

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1261	1-VALERYLPYRROLIDINE	
1262	1-ETHYL-2,5-PYRROLIDINEDIONE	
1263	CONIINE	
1264	HEPTYL ACETATE	
1265	~~PHOSPHORIC ACID~~	
1266	2-ETHYLVALERIC ACID	
1267	1,5-DIPHENYL-3-PENTANONE	
1268	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE	
1269	4,6-DIMETHYLNONANOIC ACID	
1270	DIMETHYLFLUORENE	
1271	1,2,3,4-TETRACHLOROBUTANE	
1272	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE	
1273	5-DODECANONE	
1274	X2,6-DIMETHYLQUINOLINE	
1275	TETRAPROPYLENE GLYCOL	
1276	N-ETHYL-2-BENZOTHIAZOLAMINE	
1277	DIMETHYLCYCLOHEXANE DIONE	
1278	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	
1279	2,2,5,7-TETRAMETHYL-4,5-OCTADIENE-3-ONE	
1280	1,2-DIAZABICYCLO(2.2.2)OCTAN-3-ONE	
1281	2-METHOXY-10-UNDECENOIC ACID	
1282	CETENE	
1283	1-OCTADECENE	
1284	1-PROPOXY-2-PROPANOL	
1285	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE	
1286	BROMOCHLOROBENZOIC ACID	
1287	16-HYDROXY PALMITIC ACID	
1288	P-AMINOBENZENE-T-BUTYRIC ACID	
1289	BARBITAL	
1290	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL	
1291	5,5-DIMETHYLFURANONE	
1292	5-HEPTEN-2-ONE	
1293	N-METHYL-2-PIPERIDINONE	
1294	3,4-DIMETHYL-3-PENTEN-2-ONE	
1295	PHENYLCYCLOHEXANE	
1296	ETHYLVALERATE	A
1297	XETHYL HEXANOATE	
1298	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	
1299	SYM-DIPHENYLETHANE (BIBENZYL)	A
1300	DIETHYL TOLUENE	A A
1301	1,6-DIMETHYL DECALIN	A
1302	XM-TOLUQUINONE	
1303	4-METHYLCYCLOHEXANE CARBOXYLIC ACID	
1304	1,4-DIMETHYL-2-ISOBUTYL BENZENE	
1305	5-METHYLFURFURAL	A

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1306	1,1-DIMETHYL INDENE	
1307	2-PENTENOIC ACID	
1308	CLOFIBRIC ACID, M-CHLORO ISOMER	1 2 2 -1
1309	7-OXO-OCTANOIC ACID	2 2
1310	1,2,3,3A-TETRAHYDRO AZULENE	2
1311	~~2,6-DIMETHYLOCTANE~~	2
1312	6-METHYL-BICYCLO(4.1.0)HEPTANONE	2 1
1313	XFURFURAL	2
1314	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE	2
1315	XDIETHYL SULFITE	2
1316	~~1,2,4-TRIMETHYL-CYCLOHEXANE~~	2
1317	3-ISOPROPYL-2,4-PENTANEDIONE	2
1318	2-METHLY-5-ISOPROPYLCYCLOHEXANONE	2
1319	2-BUTYL-2-OCTENAL	2
1320	3,3-DIMETHYL-2(3H)-FURANONE	2
1321	3-HYDROXY-2,4-PENTANEDIONE,BENZOATE	2
1322	2,2-DIMETHYLHEXANEDIOIC ACID, DIMETHYL E	2
1323	VINYL CHLORIDE	2
1324	XCROTONIC ACID	2
1325	3-PENTENOIC ACID	2
1326	XOXALIC ACID	2
1327	1-ETHYL-2,3-DIMETHYL BENZENE	2
1328	(1-ETHYL-2-PROPENYL)-BENZENE	2
1329	2,6-DIMETHYLSTYRENE	2
1330	BIS(3-METHYLPHENYL)METHANONE	2
1331	CIS-2,3-DIHYDRO-2-METHYL-1H-INDENE-1,2-D	2
1332	2,3-DIHYDRO-3,3-DIMETHYL-1H-INDEN-1-OL	2
1333	1-(1-CYCLOHEXEN-1-YL)ETHANONE	2
1334	M-MENTH-1(7)-ENE (R)-(-)	2 0
1335	1,7-DIHYDRO-2-(METHYLAMINO)-6H-PURIN-GON	2
1336	1-ALLYLBENZENE	2
1337	2(3H)-BENZOTHIAZOLONE	2
1338	XP-TOLUQUINONE	2 1
1339	3',4'-DIHYDROXYACETOPHENONE	2
1340	TRANS-3-METHYL-3-PENTENOIC ACID	2
1341	O-CRESOTIC ACID	2*
1342	PHLOROL	2
1343	2,3-DIMETHYL TETRALIN	2 1
1344	OCTYL BENZENE	2
1345	2,4,5-TRIMETHYLBENZALDEHYDE	2
1346	3-METHYLSTILBENE	2 -1
1347	2-METHYL-3-HEXANOL a	2 0
1348	BENZIL	2*
1349	2-(1-(2-METHOXYETHOXY)ETHOXY)ETHANOL	2 -1
1350	1,1,2,3,3-PENTACHLOROPROPANE	2
		0 2 2 2 0 1 1

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1351	5-METHYL TETRALIN	
1352	2-PROPYLHEPTANOIC ACID	1 2 0
1353	O-ISOPROPYLBENZOIC ACID	2
1354	1-METHYL-2-CYCLOHEXEN-1-OL	2
1355	4-ETHYLPYRIDINE	2
1356	X1,3,6-TRIMETHYL-2,4(1H,3H)-PYRIMIDINEDIO	2
1357	XCAPRALDEHYDE	2
1358	3*,4*-DIMETHOXYACETOPHENONE	2
1359	2-METHYL-3-PENTANONE	2 0
1360	2-ETHYL PENTANOIC ACID	2
1361	~~UNDECANE~~	2
1362	1-ETHYL-3,5-DIMETHYL BENZENE	2 1 1 1
1363	4-ETHYL-1,2-DIMETHYL BENZENE	2 1 0 1
1364	ISODURENE	2 1 0 1
1365	1,2-DIMETHYL INDAN	2 -1 1
1366	X1,4-DIMETHYLNAPHTHALENE	2 1
1367	P-CHLORONITROBENZENE	2
1368	2,3,6-TRIMETHYLNAPHTHALENE	2
1369	1,6,7-TRIMETHYLNAPHTHALENE	2 0 -1 1 1
1370	5-CHLORO-2-METHYLBENZOFURAN	2 1 1 1 1
1371	CIS-1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALEN	2
1372	CHLOROFLUOROBENZENE	2
1373	1,1,3-TRICHLORO-2-METHYL-1-PROPENE	2
1374	PENTACHLOROBENZENE	2
1375	2-7-BUTYL NAPHTHALENE	2
1376	~~BICYCLOHEXANE~~	2
1377	X**BHEPTACHLOR	2
1378	NITROCYCLOHEXANE	2
1379	2,6-DIMETHYLCYCLOHEXANONE	2 1
1380	METHOXYCYCLOHEXANE	2
1381	P-ETHYL TOLUENE	2
1382	ACETOIN	2 0
1383	2-METHYL-2-ISOPROPYL-1,3-DIOXOLANE	2 1
1384	DIMETHYL ISOPROPYL BENZENE	2
1385	2,2*METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4	2
1386	DIMETHYL INDAN	2
1387	2,4,6-TRIMETHYLBENZALDEHYDE	2
1388	M-ANISALDEHYDE	2* 1 0
1389	DIBROMOCYCLOHEXENE	2
1390	META-CYMENE (M-ISOPROPYL TOLUENE)	2
1391	2-KETO-3-METHYL VALERIC ACID	0 1 1
1392	5-HEXENOIC ACID	1 1
1393	3,3-DIMETHYLBUTYNE	1
1394	SEC-ISOAMYL ALCOHOL	1
1395	7-OCTEN-4-OL	1 1

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1396	2-METHYLCYCLOPENTANOL ACETATE	
1397	2,4-DIISOPROPYLPHENOL	
1398	ETHYL 4-HYDROXYPHENYLACETATE	
1399	TRIETHYLENE GLYCOL, PHENYL ETHER	
1400	2-ETHYL-3-PROPYLOXIRANE	
1401	DMU (DIMETHYL UREA)	
1402	P-(1-ETHYLPROPYL)TOLUENE	
1403	2-METHYL-1-DODECANOL	
1404	2-METHYLENE-1-BUTANOL ACETATE	
1405	TETRAHYDROFURFURYL ACETATE	
1406	5-METHOXY-2-PENTANONE	
1407	5-(ACETYLOXY)-2-PENTANONE	
1408	PINACOL	
1409	1,1-DIMETHOXYCYCLOHEXANE	
1410	METHYL 3,6-DIHYDRO-4,5-DIMETHYL-2H-PYRAN	
1411	5-NONANOL	
1412	1-TERT-BUTOXY-2-METHYLCYCLOHEXENE	
1413	O-ISOPROPYLACETOPHENONE	
1414	NONYLPHENOL	
1415	X2-FUROIC ACID	
1416	CROTONYLBENZENE	
1417	ALLYLACETONE	
1418	SPIRODODECANE	
1419	1-PHENYL-1,2-PROPANEDIONE	
1420	1-(BROMOMETHYL)-4-METHYLBENZENE	
1421	P-CHLOROANISOLE	
1422	1,2,4,5-TETRACHLOROBENZENE	
1423	(1-CHLOROETHYL)DIMETHYLBENZENE	
1424	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE	
1425	1-(CHLOROMETHYL)NAPHTHALENE	
1426	*$TETRACHLOROBIPHENYL	
1427	*$PENTACHLOROBIPHENYL	
1428	3-HEXYL BROMIDE	
1429	1,1,2-TRICHLOROPROPANE	
1430	5,8-DIMETHYLQUINOLINE	
1431	2,3,5-COLLIDINE	
1432	4-ETHYL-2,6-DIMETHYL PYRIDINE	
1433	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE	
1434	X2,4-DIMETHYLQUINOLINE	
1435	METHYL OLEATE	
1436	9,12-OCTADECADIENOIC ACID	
1437	4-ETHENYL BENZOIC ACID	
1438	4-HYDROXYACETOPHENONE	
1439	1-NAPHTHALENOL	
1440	DIETHYL PHENOL,(UNKNOWN ISOMER)	

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED																										
		*	V 1 C	V 1 X	T 2 B	T 1 C	T 1 X	T 1 Y	T 4 C	T 4 X	M 2 C	N 2 C	P 2 C	P 2 X	O 2 C	O 2 X	S 2 C	S 2 X	L 2 M	C 3 C	C 1 M	C 1 N	C 2 N	R 1 C	R 2 C	E 1 C	D 2 M	B 2 C	B 3 C
1441	METHOXYBENZENE			1																								
1442	2,2-DIMETHYL-1,1-BIPHENYL		A	1																								
1443	ALPHA-HYDROXY-ALPHA-PHENYL PHENYL ACETIC			1																								
1444	1-METHYL ANTHRACENE			1																								
1445	4-METHYL-3-HEPTANONE			1																								
1446	METHYL PROPIONATE			1																								
1447	P-METHYL ACETOPHENONE			1												-1												
1448	2#,4#,6#-TRIMETHYLACETOPHENONE		a	1																								
1449	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE		a	1																								
1450	2-ALLYL BENZOATE		A	1																								
1451	1-METHOXYETHYLBENZENE		a	1																								
1452	QUINOXALINE		a	1																								
1453	ETHYL MARGARATE			1																								
1454	BENZOPHENONE		A	1																								
1455	X+PYRENE		a	1										1*														
1456	7-ETHYLQUINOLINE		0		1																							
1457	2-ETHOXYBUTANE			0										1*							1*							
1458	HYDROGENATED ABIETIC ACID				1																	1						
1459	1-ETHYL-METHYLCYCLOPENTANE				1																							
1460	X$CUMENE				1																							
1461	BENZALDEHYDEOXINE				1			-1				1		1					1									
1462	METHYL PALMITOLEATE				1																							
1463	X+ACENAPHTHALENE				1																							
1464	1-METHYL-4-PROPYLBENZENE							0								-1					1*			1*		0*		0*
1465	X+$DDE									1						-1						1						
1466	2-ETHYL-1,4-DIMETHYL BENZENE										1		1											1				
1467	1,2,8-TRIMETHYLNAPHTHALENE (3,4,5-TR											0				-1			1									
1468	1,6-DICHLORO-1,5-CYCLOOCTADIENE											0										1						
1469	1,5,8-TRIMETHYL TETRALIN											0					0							1				
1470	DURENE															0			1									
1471	TERT-BUTYLBENZENE															0			1	1	1							
1472	4,6-DIMETHYL PYRIMIDINE																	1		1								
1473	2,3-DIMETHYL PYRAZINE																	1										
1474	PYRAZOLE																	1										
1475	1-METHYL-3-PROPYL BENZENE																	1										
1476	N-PROPYLNAPHTHALENE																	1										
1477	TRIMETHYLNAPHTHALENE																		1									
1478	TRIMETHYLNAPHTHALENE																		1									
1479	TRIMETHYLNAPHTHALENE																		1		1			1				
1480	TRIMETHYLNAPHTHALENE																		1							0		
1481	TRIMETHYLNAPHTHALENE																		1									
1482	TRIMETHYLNAPHTHALENE																		1									
1483	TRIMETHYLNAPHTHALENE																		1									
1484	X+ANTHRACENE																		1					1				
1485	TRIDECANE																		1									
																			1									

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	D2C	D2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1486	3-METHYL-3-HEXANOL																		1									
1487	DIETHYLMETHYLVINYLSILANE																		1									
1488	1,3-DISOPROPYL BENZENE																		1									
1489	TETRAHYDROLINALOOL																		1									
1490	2-PHENYL-1,4-CYCLOHEXADIENE																		1									
1491	C3 NAPHTHALENE																		1									
1492	1,4-DIMETHYL-5-OCTYLNAPHTHALENE																		1	1								
1493	ETHYLBENZYL BENZENE (ISOMER UNKNOWN)																		1									
1494	TETRAMETHYL BIPHENYL																		1									
1495	PENTATRIACONTANE																		1									
1496	1,3,5-TRI-TERT-BUTYL BENZENE																		1									
1497	DI-P-TOLYLMETHANE																		1									
1498	DIMETHYLDIPHENYLMETHANE																		1									
1499	X2,3-DIMETHYLNAPHTHALENE																			1								
1500	2-BUTYLNAPHTHALENE																			1								
1501	1,2,4-TRITERTIARY BENZENE																			1								
1502	*P-CHLOROACETOPHENONE																			1								
1503	2,6-DI-TERT-BUTYL TETRALIN																				1							
1504	1,1,3-TRIMETHYL-3-PHENYL INDAN																				1							
1505	1-BROMO-2-CHLOROCYCLOPENTANE																				1							
1506	BETA,BETA-DIMETHYL HISTAMINE																				1							
1507	4-DECANONE																				1							
1508	6-METHYL-2-PHENYLQUINOLINE																					1						
1509	N-BUTYLBENZENE																					1						
1510	HEXAMETHYLENE ACETAMIDE																					1						
1511	4-METHYL-3-HEXANOL																					1						
1512	HEXYL BUTYRATE																					1						
1513	*TRICHLOROBIPHENYL																						1					
1514	2,3,6-TRIMETHYLHEPTANE																						1					
1515	*$HEXACHLOROBIPHENYL																							1				
1516	X*+$DDT																							1				
1517	DIBENZOTHIOPHENE																							1				
1518	4-METHYLDIBENZOTHIOPHENE																							1				
1519	9-ETHYL PHENANTHRENE																							1				
1520	METHYLBENZACRIDINE																							1				
1521	3-ETHYL-5-METHYLPYRIDINE																							1				
1522	N,N-DIETHYLANILINE																							1				
1523	3-DODECANONE																							1				
1524	2,3,4-TRIMETHYLQUINOLINE																							1				
1525	TRIMETHYLQUINONE																							1				
1526	HEXANEDIOIC ACID, DIHEXYL ESTER																							1				
1527	X*P-NITRO PHENOL																								1			
1528	3-CHLORO-2-BUTANOL																								1			
1529	M-CYCLOHEXYLPHENOL																								1		1	
1530	3-METHYLPIPERIDINE-2,8-DIONE																									1		

(continued)

TABLE 21. (continued)

FINAL REPORT (PART I)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	V1 *C	V1 X	T2 B	T1 C	T1 X	T1 Y	T4 C	T4 X	N2 C	N2 C	P2 C	P2 X	O2 C	O2 X	S2 C	S2 X	L2 M	C3 C	C1 M	C1 M	C2 N	R1 C	R2 C	E1 C	D2 N	B2 C	B3 C
1531	10-UNDECENOIC ACID																									1		
1532	5-PROPYLDIHYDRO-2-FURANONE																									1		
1533	3A,7A-DIMETHYL OCTAHYDRO-4-ISOBENZOFURAN																									1		
1534	3-METHYL-3-OCTANOL																										1	
1535	BROMODICHLOROANILINE																										1	
1536	6-PHENYL-2-HEXANONE																											1
1537	METHYL NONADECANOATE																											1
1538	HEPTYLPROPIONATE																											1*
1539	METHYLCAPRYLIC ACID																											1
1540	ACETAMIDE																											
1541	DIETHYLENE GLYCOL, MONOMETHYL ETHER																											1
1542	N-BUTYLAMINE																											1
1543	METHYL CAPRATE																											1
1544	1,3-DIMETHYL-5-(1-METHYLETHYL)-BENZENE		0										1															1
1545	2,4-DIMETHYLISOPROPYLBENZENE							0							1													
1546	3-PHENYLPENTANE							1					1															
1547	4N-PROPYL BENZENE	A							0*				1*	1														
1548	1,3-DIMETHYL INDAN											0		1		0												
1549	C6-BENZENE											0		1														
1550	2-METHYL-2-BUTENAL													1														
1551	3-FUROIC ACID													1														
1552	TETRAHYDRO-3,6-DIMETHYL-2H-PYRAN-2-ONE														1													
1553	2,3-DIMETHYL-1,4-HEXADIENE														1													
1554	2-METHYL-CYCLOHEXANEMETHANOL														1													
1555	3,4-DIHYDRO-1(2H)-NAPHTHALENONE														1													
1556	PENTAMETHYLBENZENE														1													
1557	XISOQUINOLINE														1													
1558	2,4-DIMETHYLPENTANOL														1													
1559	3,3-DIMETHYLBUTANAMINE												1															
1560	2,7-DIMETHYL TETRALIN												1															
1561	2,4-DIMETHYLHEPTANE	A											1*															
1562	2,6-DIMETHYLHEPTANE												1															
1563	ETHYL BENZOPHENONE												1															
1564	2,4-DICHLOROANILINE	A											1*															
1565	X3,4-DICHLOROANILINE							0			1																	
1566	2-IODOPENTANE							0			1																	
1567	2-METHYLTHIOPHENE										1																	
1568	1,1,3-TRICHLORO-1-BUTENE										1																	
1569	1-ETHYL-2,4-DIMETHYL BENZENE										1																	
1570	1,6-DIMETHYL-4-ISOPROPYL TETRALIN										1																	
1571	2-ETHYL-1,3-DIMETHYL BENZENE										1					0												
1572	2-(METHYLTHIO)BENZOTHIAZOLE										1																	
1573	NONANAL										1																	
1574	INDAN										1				0													
1575	(3-METHYL-2-BUTENYL)BENZENE									1					0													
										1																		

* SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 21. (continued)

	COMMON NAME	RELATIVE SIZE AND CONCENTRATE WHERE DETECTED
1576	1,4-DIHYDRO-2,5,8-TRIMETHYLNAPHTHALENE	
1577	3,3,3-TRICHLORO-2-METHYLPROPENE	
1578	CYCLOHEPTANONE	1
1579	BENZYLAMINE	1
1580	4,7-DIMETHYL INDAN	-1
1581	BIS(CHLOROPHENYL)METHANE	1
1582	CIS-4-PHENYLBICYCLOHEXYL	1
1583	4-METHYLENECYCLOHEXANEMETHANOL	0
1584	2,6,6-TRIMETHYL-BICYCLO[3.1.1]HEPTAN-3-O	0
1585	3-BUTYL-1,2,4-CYCLOPENTANETRIONE	0
1586	XSTYRENE GLYCOL	0
1587	2-METHYL-5-UNDECANONE	0
1588	(3,3-DIMETHYLCYCLOHEXYLIDENE)ACETALDEHYD	0
1589	1,2,3,4-TETRAMETHYL BENZENE	0
1590	1-ETHYL-1-METHYL INDAN	0
1591	1-CHLOROTETRADECANE	0
1592	1,1-DIPHENYLCYCLOHEXANE	0
1593	BICYCLO[2.2.2]OCTANE-1,4-DIOL, MONOACETA	0
1594	METHYL 3-HYDROXYPHENYLACETATE	0
1595	X2-METHYL ANTHRACENE	0
1596	2-(PHENYLMETHYL) NAPHTHALENE	0
1597	PHENYL P-PYRIDYL KETONE	0
1598	DODECYL PHENOL	0
1599	FLUOROIODOBENZENE (ISOMER UNKNOWN)	0
1600	3-METHYL-2-FURANONE	
1601	2-PHENYL UNDECANE	
1602	1,4,5-TRIMETHYL NAPHTHALENE	0
1603	1-TETRADECENE	
1604	DIMETHYL ETHYL BENZENE	0
1605	1-PHENYL-2-CYCLOPENTEN-1-OL	0
1606	O-TOLUALDEHYDE	0
1607	2,3-BIS(METHYLENE)-BICYCLO[3.2.1]OCTANE	0
1608	2,2-DIMETHYLHEPTANE	0
1609	1-IODOPENTANE	0
1610	XINDENE	0
1611	1,2-DIMETHYL INDENE	0
1612	1,2-DIHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	0
1613	X*+$2-CHLORONAPHTHALENE	0
1614	1-ETHYL-3-METHYLCYCLOPENTANE	0
1615	DIMETHYL ISOPROPYL BENZENE	0
1616	4,6-DIISOPROPYL-M-XYLENE	0
1617	7-METHYLBENZOFURAN	0
1618	TRICHLOROHEPTAFLUORDBUTANE	0
1619	DIMETHYL ISOPROPYL BENZENE	0
1620	1,2,3-TRIETHYLBENZENE	0

(continued)

TABLE 21. (continued)

RELATIVE SIZE AND CONCENTRATE WHERE DETECTED

	COMMON NAME	*	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1621	XBENZYL CHLORIDE																-1												
1622	4-METHYLSTYRENE																-1												
1623	2-PHENYLHEXANE								-1								-1												
1624	1,4,6-TRIMETHYL TETRALIN																-1												
1625	4-ISOPROPYL-ALPHA-METHYL STYRENE																-1												
1626	M-TERPHENYL																-1												
1627	DECAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL																-1												
1628	1-CHLORO-4-(1-CHLOROETHENYL)CYCLOHEXENE																-1												
1629	2,4,6-TRIMETHYLBIPHENYL																-1												
1630	4-PHENYLBICYCLOHEXYL																-1												
1631	[1,1#-BICYCLOPENTYL]-2-ONE																-1												
1632	O-TERT-BUTYLPHENOL																-1												
1633	P-(1-ETHYL-1-METHYLHEXYL)PHENOL (A NONY																-1												
1634	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL																-1												
1635	ETHYL NONADECANOATE																-1												
1636	DIBROMOPHENOL	A															-1												
1637	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL		-1																										
1638	1,2-CYCLOHEXANEDIOL		-1																										
1639	BUTYL THIAZOLE		-1																										
1640	2-HYDROXY-5-ISOPROPYL-2,4,6-CYCLOHEPTATR		-1																										
1641	O-NITROTOLUENE								-1																				

* THE DESIGNATION A AND a DENOTE A COMPOUND THAT IS A PROBABLE OR POSSIBLE ARTIFACT DUE TO XAD-2 RESIN BLEED. RS ENTRIES LABELED WITH AN ASTERISK ARE PROBABLY ATTRIBUTABLE TO THE BLANK ASSOCIATED WITH CONCENTRATE GENERATION. SEE DISCUSSION IN TEXT OF VOLUME 1.

TABLE 22. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN BOTH DW AND AWT CONCENTRATES, SHOWING THE IDENTIFICATION STATUS

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1	CLOFIBRIC ACID †	
2	X+$DI-N-BUTYLPHTHALATE	
3	2-(2-BUTOXYETHOXY)ETHANOL (A DIETHYLE	
4	DIETHYLENE GLYCOL, 4-METHOXYBUTYL BUTYL	
5	DIETHYLENE GLYCOL, 2-METHOXYBUTYL BUTYL	
6	X+$DIOCTYLPHTHALATE	
7	1-(2-BUTOXYETHOXY) ETHANOL	
8	XTRIS-B-CHLOROETHYL PHOSPHATE	
9	X+NAPHTHALENE	
10	2-ETHYL-1,1-BIPHENYL	
11	XPALMITIC ACID	
12	X1-BUTANOL	
13	2-HYDROXY-2-METHYLPROPANOIC ACID	
14	2-ETHYL-3-METHYLMALEIC ACID	
15	1-(1-METHYLPROPOXY)-2-PROPANOL	
16	TRIETHYLENE GLYCOL N-BUTYL ETHER	
17	DIOCTYL ADIPATE	
18	X$BIS(2-ETHYLHEXYL) ADIPATE	
19	X$1,1,2,2-TETRACHLOROETHANE	
20	DIHEXYLADIPATE	
21	XMETHYL BENZOATE	
22	XSTEARIC ACID	
23	DIETHYLENE GLYCOL, BUTYL ETHER	
24	DIISOOCTYLPHTHALATE	
25	$BUTYL-BUTOXY ETHYL PHTHALATE	
26	$BUTYL METHYL PHTHALATE	
27	TRIETHYLENE GLYCOL, TERT-BUTYL ETHER	
28	XCYCLOHEXANOL	
29	XMONOBUTYL PHTHALATE	
30	1,2 5,6-BIS-O-ISOPROPYLIDENE-BETA-D-TALO	
31	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUC	
32	1,2-CYCLOBUTANEDICARBOXYLIC ACID	
33	PHTHALIC ANHYDRIDE	
34	XCYCLOHEXANONE	
35	XBENZOIC ACID	
36	XMYRISTIC ACID	
37	PENTADECANOIC ACID	
38	X$DI-ISOBUTYLPHTHALATE	
39	TRANS-2-METHYLCYCLOPENTANOL	
40	2-METHYLBUTYRIC ACID	
41	2,2,4,4-TETRAMETHYL PENTANOIC ACID	
42	XBUTYRIC ACID	
43	MARGARIC ACID	
44	1,2-PROPYLENE GLYCOL, DIMETHYL ETHER	
45	2-HEPTENE	

† THIS ENTRY APPEARS OUT OF ORDER. IT SHOULD APPEAR BETWEEN ENTRIES NO. 11 AND NO. 48.

(continued

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
46	1,1-DICHLOROACETONE	
47	3-ETHYL-4-METHYL-2,5-FURANDIONE	
48	2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE	
49	4-(HEXYLOXY)-1-BUTANOL	
50	6-BROMO-2-HEXANONE	
51	TRIPROPYLENE GLYCOL, METHYL ETHER	
52	TRIPROPYLENE GLYCOL, METHYL ETHER	
53	TRIPROPYLENE GLYCOL, METHYL ETHER	
54	TRIPROPYLENE GLYCOL, METHYL ETHER	
55	TRIPROPYLENE GLYCOL, METHYL ETHER	
56	XBROMODICHLOROMETHANE	
57	XBROMOFORM	
58	4-METHYL-2-PENTANOL	
59	X+$2,4,6-TRICHLOROPHENOL	
60	X+$DIETHYL PHTHALATE	
61	2,4,6-TRIBROMOPHENOL	
62	AMYLENE DICHLORIDE	
63	X9,10-ANTHRACENEDIONE	
64	7,7-DIMETHYL-2-OXOBICYCLO[2.2.1]HEPTANE-	
65	3-METHOXY-3-METHYL-2-BUTANONE	
66	4-HEXEN-3-ONE	
67	XTRICHLOROPROPANE	
68	1-METHOXY-2-PROPANOL	
69	3-HEXANOL	
70	XSALICYLIC ACID	
71	XCAPRYLIC ACID	
72	XPHENYLACETIC ACID	
73	~~2,3-DIMETHYLMALEIC ACID~~ SEE NO. 32	
74	XPELARGONIC ACID	
75	1,3,5-TRIMETHYLCYANURIC ACID	
76	XMETHYL BUTYLKETONE	
77	TRIPROPYLENE GLYCOL, METHYL ETHER	
78	TRIPROPYLENE GLYCOL, METHYL ETHER	
79	TRIPROPYLENE GLYCOL, METHYL ETHER	
80	1-METHYLBUTYLALCOHOL	
81	3-PENTEN-2-OL	
82	2-BUTYL-N-BUTYRATE	
83	2-ETHYLHEXANOIC ACID	
84	XCAPRIC ACID	
85	ELAIDIC ACID	
86	P-PHENYLACETOPHENONE	
87	PALMITOLEIC ACID	
88	X$DICYCLOHEXYL PHTHALATE	
89	X+$BIS(2-ETHYLHEXYL) PHTHALATE	
90	2,4-DICHLOROBENZOIC ACID	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
91	XPHTHALIC ACID	
92	N-BUTYLBENZENESULFONAMIDE	
93	XLAURIC ACID	
94	XN-HEPTANOIC ACID	
95	XETHOSUXIMIDE	
96	SUBERIC ACID	
97	O-CHLOROBENZOIC ACID	
98	2-KETOISOCAPROIC ACID	
99	XOLEIC ACID	
100	5,5-DIMETHYLDIHYDROFURANONE	
101	3-ETHYLHEXANOIC ACID	
102	2,4,5-TRIMETHYLBENZOIC ACID	
103	$N-BUTYL-ISOBUTYLPHTHALATE	
104	TRIPROPYLENE GLYCOL, METHYL ETHER (ISOME	
105	DIOCTYL SEBACATE	
106	TETRAHYDRO-2-METHYL-2-FURANOL	
107	XPHENOBARBITAL	
108	2-ETHYLSUBERIC ACID	
109	P-T-BUTYLPHENOXY ACETIC ACID	
110	BUTYL BUTYRATE	
111	3,5-DIMETHYLDIHYDROFURANONE	
112	P-TERT-BUTYLPHENOXYMETHYL ACETATE	
113	3,5-DIMETHYL STYRENE	
114	$METHYL ETHYL PHTHALATE	
115	BUTYL METHOXYBUTYRATE	
116	3-METHYLHEPTANE	
117	XMETHYL PROPYL KETONE	
118	3,7-DIMETHYL-6-OCTENOIC ACID	
119	TRIS(CHLOROPROPYL)PHOSPHATE	
120	X4'-ETHYLACETOPHENONE	
121	DEHYDROABIETIC ACID	
122	3,4-DIETHYLBIPHENYL	
123	1-METHYL INDENE	
124	XTOLUENE	
125	ISOVALERIC ACID	
126	2,4-DIMETHYLBENZOIC ACID	
127	3-PENTEN-2-ONE	
128	HEXAHYDROTOLUENE	
129	XACETOPHENONE	
130	6-METHYL-5-HEPTEN-2-ONE	
131	2-ETHYL-1-HEXANOL	
132	2'-ETHYLACETOPHENONE	
133	M-TOLUIC ACID	
134	P-TOLUIC ACID	
135	+ISOPHORONE	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
136	2,6-DIMETHYLBENZOIC ACID	
137	1,5-HEPTADIENE-3,4-DIOL	
138	3-METHYL-2-BUTEN-1-OL	
139	BENZORESORCINOL	
140	XTRIBUTYL PHOSPHATE	
141	XAZELAIC ACID	
142	2-CYCLOPETEN-1-ONE	
143	DICYANOHEXANE	
144	XATRAZINE	
145	1H-IMIDAZOLE-2-CARBOXALDEHYDE	
146	XN-OCTANOL	
147	CIS-2-METHYLCYCLOPENTANOL	
148	XVALERIC ACID	
149	XBICHLORACETIC ACID	
150	XTRIETHYL PHOSPHATE	
151	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4	
152	3-METHYL-2-BUTENOIC ACID	
153	3-METHOXYPENTANE	
154	6-METHYL-2-HEPTANONE	
155	XPROPYL ALCOHOL	
156	2,2-DIETHYLPROPYLENE GLYCOL	
157	AMYL CHLORIDE	
158	3,5-DIMETHYLCYCLOHEXANOL	
159	1-METHYL-3-CYCLOHEXEN-1-OL	
160	CYCLOHEXYL FORMATE	
161	1,1,1-TRICHLORO-2-PROPANONE	
162	X2-CHLORO-1,1-DIETHOXYETHANE	
163	XDICAMBA	
164	XISOBUTYRIC ACID	
165	2-METHYL-2,4-PENTANEDIOL	
166	2-METHYL-3-BUTEN-2-OL	
167	2-BUTOXYETHANOL	
168	XBENZALDEHYDE	
169	DIPROPYLENE GLYCOL, METHYL ETHER	
170	~~XDECANE~~	
171	3,3,3-TRICHLOROPROPENE	
172	2-ETHYL-3-METHYLFUMARIC ACID	
173	ETHYL LACTATE	
174	DIACETYLBENEZENE	
175	ALDOL	
176	X1-(ETHENYLOXY)BUTANE	
177	6-PROPYL-BETA-RESORCYLIC ACID	
178	4-ISOPROPYL-O-PYROCATECHUIC ACID	
179	HEXAN-3-ONE	
180	2,5-HEXANEDIOL	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
181	TETRAHYDRO-1,1-DIOXIDE THIOPHENE	
182	N-TRIETHYLENE GLYCOL, MONOETHYL ETHER	
183	METHYL MYRISTATE	
184	METHYL STEARATE	
185	X*$STYRENE	
186	1,3-DIETHYL BENZENE	
187	1,4-DIETHYL BENZENE	
188	1,2-DIETHYL BENZENE	
189	ETHYL PALMITATE	
190	METHYL-3,5-DIMETHYL BENZOATE	
191	2-METHOXY-3-METHYLCROTONIC ACID	
192	XDIBROMOCHLOROMETHANE	
193	2-CYCLOHEXENONE	
194	2,3,5,6-TETRACHLOROTEREPHTHALIC ACID	
195	X$M-XYLENE	
196	X3-CHLORO-2-METHYL PROPENE	
197	X+$O-DICHLORO BENZENE	
198	X*+$HEXACHLORO-1,3-BUTADIENE	
199	P-METHYLSULFONYL TOLUENE	
200	1,1,3,3-TETRAMETHYL-2-INDANONE	
201	2,3-DIMETHYL-2-BUTANOL	
202	METHYL HEPTANOATE	
203	PHENYL ACETIC ACID, METHYL ESTER	
204	DI-(2-BROMOETHYL)ETHER	
205	1-ISOCYANO-4-METHYLBENZENE	
206	SULFONYLBIS(4-CHLOROBENZENE)	
207	2-ETHYL-4-METHYL-1-PENTANOL	
208	3-METHYLCYCLOPENTANONE	
209	XCAPROIC ACID	
210	X*+PHENOL	
211	2,3,3-TRICHLORO-2-PROPENOIC ACID	
212	N-HYDROXYPHTHALAMIDE	
213	1-ETHOXY-1-METHOXYETHANE	
214	1-1-DIMETHOXYPROPANE	
215	~~2,3-DIMETHYLMALEIC ACID~~ SEE NO. 32	
216	ISOPROPYL BENZOATE	
217	BENZOTHIAZOLE	
218	1,1-BIS(4-ETHYLPHENYL)ETHANE	
219	ADIPIC ACID, DIHEXYL ESTER	
220	X+$BUTYL BENZYL PHTHALATE	
221	4-ETHYLSTYRENE	
222	XSTILBENE (CIS OR TRANS, SEE NO. 519)	
223	ISOPENTADECANOIC ACID	
224	X*+$PENTACHLOROPHENOL	
225	2-HYDROXY DECANOIC ACID	

(continued)

TABLE 22. (continued)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
226	XMETA-CRESOL	
227	3,4-DICHLOROBENZOIC ACID	
228	2-HEPTENYLBENZENE	
229	X2-METHYLNAPHTHALENE	
230	XBIPHENYL	
231	2-METHYL BIPHENYL	
232	3,4'-DIMETHYL-1,1'-BIPHENYL	
233	XSTILBENE OXIDE	
234	1,1-BIS(N-ETHYLPHENYL)ETHANE	
235	ANTEISOPENTADECANOIC ACID	
236	XCYCLOPROPYL METHYL KETONE	
237	2-METHYLCYCLOPENTANOL (GEOMETRY UNKNOWN)	
238	1-HEPTADECANOL	
239	X*4P-CHLOROPHENOL	
240	2,3-DIMETHYLBENZOIC ACID	
241	PHENOXY ACETIC ACID	
242	X1,4-DIOXANE	
243	X*2,4-DICHLOROPHENOXYACETIC ACID, (2,4-D)	
244	2-(2-HYDROXYPROPOXY)-1-PROPANOL (A DIPRO	
245	CYCLIC TETRAMETHYLENE ADIPATE	
246	1-CYCLOPENTYLETHANONE	
247	METHYL N-AMYL KETONE	
248	2-METHOXY-4-METHYL-2-PENTENOIC ACID	
249	2,4,6-TRIMETHYLBENZOIC ACID	
250	ORTHO-TOLUIC ACID	
251	2-PHENYLPROPIONIC ACID	
252	XHYDROCINNAMIC ACID	
253	3,4-DIMETHYLBENZOIC ACID	
254	2,5-DIMETHYLBENZOIC ACID	
255	3-METHYL-2-HEPTANOL	
256	XBENZYL ALCOHOL	
257	BIS(2-ETHOXYETHYL)ETHER	
258	X*O-CHLOROANILINE	
259	3,3-DIMETHYLBUTYRIC ACID	
260	XSACCHARIN	
261	2-ETHYLBUTYRIC ACID	
262	CHRYSANTHEMIC ACID	
263	XPENTABARBITAL	
264	TRANS-9-HEXADECENOIC ACID	
265	2-PHENYLBUTYRIC ACID	
266	PHTHALIDE	
267	2-HEXANOL	
268	TRI-N-PROPYLENE GLYCOL + METHYL ETHER	
269	2-(2-METHOXYPROPOXY)-1-PROPANOL (A DIPR	
270	XN-UNDECYLIC ACID	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
271	7-OCTEN-2-ONE	
272	XCHLOROFORM	
273	XMETHYLPHENYL CARBINOL	
274	OIOCTYL AZELATE	
275	3-METHOXY-1,2-BENZISOTHIAZOLE	
276	2-METHYL-3-HEXENOIC ACID	
277	5-PHENYL PENTANOIC ACID	
278	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID	
279	XETHYL ACETATE	
280	XMETHYL ISOBUTYL KETONE	
281	N-BUTYL ACETATE	
282	4-ETHOXYBUTYL BUTANOATE	
283	†TRICRESYL PHOSPHATE (ISOMER UNKNOWN)	
284	$M-CHLOROPHENOL	
285	4-(1,5-DIMETHYL-3-OXO4EXYL)CYCLOHEXANECA	
286	1,2-BENZISOTHIAZOL-3(2H)-ONE	
287	1,3-DIMETHYL BUTABARBITAL	
288	1-PHENYL-1,2,3-PROPANETRIOL	
289	N,N-DIMETHYLHEPTANAMIDE	
290	XMETHYL CHLOROFORM	
291	2,2-DIMETHYL-1-BUTANOL	
292	GUBERANE	
293	2-TERT-BUTYLCYCLOHEXANOL	
294	XADIPIC ACID	
295	2,2-DIMETHYLVALERIC ACID	
296	ETHENYL CYCLOPENTANEACETATE	
297	(2,5-DIMETHYLBENZENE)BUTANOIC ACID	
298	XARACHIDONIC ACID	
299	TRIPROPYLENE GLYCOL, METHYL ETHER	
300	XP-METHOXY-T-BUTYL PHENOL	
301	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL	
302	1-((2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)OX	
303	ANTEISOHEPTADECANOIC ACID	
304	TETRAETHYLENE GLYCOL MONOBUTYL ETHER	
305	8,11-OCTADECADIENOIC ACID	
306	LIGNOCERIC ACID	
307	MYRISTYL ALCOHOL	
308	3-METHOXY-2-BUTANOL	
309	1,5-BIS(T-BUTYL)-3,3-DIMETHYL BICYCLO(3.	
310	OCTADECATRIENOIC ACID	
311	ACENAPHTHYLENE	
312	PIPERIDINOL	
313	DIETHYL CARBINOL	
314	2,3-DIHYDRO-4-METHYLFURAN	
315	ETHYLBENZALDEHYDE	

(continued)

TABLE 22. (continued)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
316	2',3'-DIMETHYLACETOPHENONE	
317	3-ETHYLSTYRENE	
318	ETHYL MYRISTATE	
319	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	
320	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	
321	3,4-DIMETHYL-2,5-FURANDIONE	
322	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (T	
323	DIETHYLENE GLYCOL, MONOMETHYL ETHER (C	
324	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE	
325	2,3-DIMETHYLMALEIMIDE	
326	5,6-DIMETHYL-1-INDANONE	
327	4A,5,6,7,8,8A-HEXAHYDRO-4A,8A-DIMETHYL-2	
328	XO-CRESOL	
329	4,4-DIMETHYLDIHYDROFURANONE	
330	3-METHYLPENTAN-3-OL	
331	2,5-HEXANEDIONE	
332	VERATRIC ACID	
333	X1-METHYLNAPHTHALENE	
334	(1-NITROPROPYL)BENZENE	
335	2,5-DIMETHYLBENZALDEHYDE	
336	3-METHYLBIPHENYL	
337	ETHYL LAURATE	
338	2-ETHYL INDAN	
339	2,2,5,7-TETRAMETHYL TETRALIN	
340	BENZYL METHYL KETONE	
341	3,5-DIMETHYLBENZOIC ACID	
342	DIISOBUTYL KETONE	
343	2,2,4-TRIMETHYL-1,4-CYCLOHEXANEDIONE	
344	5-METHYL-2-HEPTANOL	
345	ISO-HEXANOIC ACID	
346	HEXAHYDROBENZOIC ACID	
347	X2-PHENYLISOPROPANOL	
348	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	
349	4-METHYLHEXANOIC ACID	
350	3-METHYLPENTANAL	
351	~~ISOBUTYLCYCLOHEXANE~~	
352	2,2-DIMETHYL-1-PENTANOL	
353	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	
354	1-(ETHENYLOXY)HEXANE	
355	FENCHYL ALCOHOL	
356	XMENTHOL	
357	1-(TRIMETHYLOXIRANYL)ETHANONE	
358	XENDO-BORNEOL	
359	1,2 3,5-BIS-O-(1-METHYLETHYLIDENE)-ALPHA	
360	4-NONANOL	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

POSITIVE OR TENTATIVE IDENTIFICATION

	COMMON NAME	V1C	V1X	T2B	T1C	F1K	T1V	T4C	T4X	M2C	N2C	P2C	P2X	B2C	D2X	S2C	S2X	L2M	C3C	C1N	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
361	OCTAHYDRO-4A,9-DIMETHYL-3-(1-METHYLETHYL											T															
362	NONADECANOL											T															
363	ANISIC ACID		P									T															
364	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4					P		P	P		P	T	P		P												
365	1,3-DICHLORO-2-METHYLBUTANE (A DICHLO			T				T			T	T	T														
366	DIPROPYLENE GLYCOL, METHYL ETHER							T		T	T	T	T										T		P	P	P	
367	5,5-DIMETHYL-2-FURANONE							P	P	T	T	T	P			T	T											
368	XTCA (TRICHLOROACETIC ACID)							T		T	T	T	P					P		P		P	P				P	
369	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNO										T					T											T	
370	PIVALIC ACID										P					P												
371	3-CHLOROCYCLOPENTENE										T																	
372	6-(ACETYLOXY)-2-HEXANONE										T	T				T												
373	6,7-DODECANEDIONE										T																	
374	DIETHYL PENTYL PHOSPHATE										T						T											
375	7-TRIDECANONE										T					T												
376	%LAURYL ALCOHOL										T																	
377	N,N,4-TRIMETHYLBENZENESULFONAMIDE										T	T				P	T						T		P			
378	ISOPROPYL HYDROPEROXIDE										T																	
379	3,4-EPOXY-2-HEXANONE										T					T												
380	%DIHEXYL PHTHALATE	T																										
381	LEVULINIC ACID	T							T							T	T			T								
382	1-HEPTEN-4-OL			T	P	P	P		T		P	P	P	P	P	P	P						T					
383	2-METHYL-1-PENTEN-3-OL				T				T							T				P	P						P	
384	N,N-DIETHYL FORMAMIDE								T							T												
385	2-METHYL-2-HEPTANOL						P	P	T				P			T	P				T		P					
386	3,5-DIMETHOXYPHENOL							T								T												
387	XAMOBARBITAL								T																			
388	PETROSELINIC ACID								T																			
389	XCYCLOHEXYL BROMIDE								T									P		P								
390	5-METHYL-3-HEXANOL								T																			P
391	2-METHYL-2-BUTEN-1-OL								T		P				P	P	P											
392	5-ETHYL-2-HEPTANOL								T							T	T											
393	3-METHOXY-1,3,4-HEXATRIENE								T		T				T													
394	2-METHYL-2-ISOBUTYLOXIRANE								T																			
395	1-METHYLHEXYLHYDROPEROXIDE								T																			
396	2-BUTYL-3-METHYLOXIRANE								T																			
397	2-METHOXY-4-METHYL-2-PENTENOIC ACID, MET								T																			
398	2,3,4-TRIMETHYL-3-PENTANOL								T	T										T								
399	1-ISOCYANONAPHTHALENE								T																			
400	N-TERT-BUTYL-3-METHYLBENZAMIDE								T																			
401	4,5-DIETHYL-2,3-DIHYDRO-2,3-DIMETHYLFURA								T																			
402	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE								T																			
403	2,5-DIMETHYL-2-HEXANOL								T																			
404	PROPYLOXIRANE								T																			
405	XCYCLOHEXYL ACETATE								P	P	P				P													

(continued)

TABLE 22. (continued)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
406	X(ETHOXYMETHYL)OXIRANE	
407	4-HEPTANONE	
408	4,6-DIMETHYL OCTANOIC ACID	
409	O-CRESYL ACETATE	
410	3-HYDROXYNONANOIC ACID	
411	X2,4-DIMETHOXYBENZOIC ACID	
412	P-ETHYLBENZOIC ACID	
413	4-HYDROXY-4-METHYLCYCLOHEXANONE	
414	X*P-CRESOL	
415	1,1-DIPHENYLETHANE	
416	2-BUTYL THF	
417	METHYL AMYL CARBINOL	
418	XETHYL CARBONATE	
419	5-METHYL HEXANOIC ACID	
420	4,5-DIMETHYL-2-HEPTEN-3-OL	
421	5-METHYL-2-HEPTANONE	
422	1,3,3,7-TETRAMETHYL-2-OXOBICYCLO[2.2.1]H	
423	BUTYL ISOBUTYRATE	
424	2-ETHYLCYCLOHEXANONE	
425	DIETHYLENE GLYCOL, METHYL ETHYL DIETHER	
426	2-METHYLHEPTANOIC ACID	
427	1,6-HEXANEDIOL	
428	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN	
429	CYCLOHEXANEHEXANOL	
430	~~2,5-DIMETHYLHEXANE~~	
431	2,2,5,5-TETRAMETHYL THF	
432	X4(1H)-PYRIMIDINONE	
433	3,5-NONADIEN-7-YL-2-OL	
434	4,4,5,5-TETRAMETHYL-1,3-DIOXOLAN-2-ONE	
435	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	
436	OXACYCLOTETRADECAN-2-ONE	
437	1,1-DICHLORO-2-HEXANONE	
438	4,4-DICHLORO-3-HEXANONE	
439	DIHYDRO-5-METHYL-2(3H)-FURANONE	
440	C3-DIHYDROXYBENZOIC ACID	
441	4-BUTOXYBUTYRIC ACID	
442	X$1,2-DICHLOROETHANE	
443	PENTAETHYLBENZENE	
444	XDMF (DIMETHYL FORMAMIDE)	
445	N-ACETYLCYCLOHEXYLAMINE	
446	O-ETHYLBENZOIC ACID	
447	X+$DICHLOROETHYL ETHER	
448	XETHYL BENZOATE	
449	ETHYL PENTADECANOATE	
450	ETHYL STEARATE	

(continued)

TABLE 22. (continued)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
451	X*+$P-DICHLOROBENZENE	
452	METHYL LAURATE	
453	METHYL-2,4-DIMETHYL BENZOATE	
454	2,3-DICHLOROANILINE	
455	X$DIMETHYL PHTHALATE	
456	XBENZYL CYANIDE	
457	3-HEPTANOL	
458	1-CHLORO-2-METHYL-2-BUTENE	
459	NEOPENTYL CHLORIDE	
460	1-BROMO-4-ETHYLBENZENE	
461	2,4,5-TRICHLOROANILINE	
462	*PENTACHLOROANILINE	
463	1,2,2,3-TETEACHLOROPROPANE	
464	X*+$1,2,4-TRICHLOROBENZENE	
465	2,4-DICHLORO-1-NITROBENZENE	
466	+XLINDANE (BETA ISOMER)	
467	X*PENTACHLORONITROBENZENE	
468	DIMETHYL AZELATE	
469	4-TERT-BUTYL-2-METHYLPHENOL	
470	4-METHYLPHENYLSULFONYL ACETIC ACID, METH	
471	4-METHYL-1-PHTHALAZINONE	
472	2-METHYL-2-PENTANOL	
473	XCAMPHOR	
474	PENTYLENETETRAZOLE	
475	SUCCINIC ACID, DIMETHYL ESTER	
476	XDIETHYL SUCCINATE	
477	2,2-DIMETHYLGLUTARIC ACID	
478	1-(METHYLPHENYL)ETHANONE	
479	METHYLSULFONYL BENZENE	
480	ALLYL-1,3-DIOXANE	
481	METHYL CAPROATE	
482	METHYLCAPRYLATE	
483	METHYL PELARGONATE	
484	ETHYLNONENOATE	
485	METHYL CAPRATE	
486	BENZONITRILE	
487	PHENYLPROPIONIC ACID,METHYL ESTER	
488	2,4,5-TRICHLOROPHENOXY ACETIC ACID, METH	
489	2,2-DIMETHYL-3-PENTANOL	
490	(1-ETHOXYETHYL)BENZENE	
491	1,2-DIMETHYL-4-NITROBENZENE	
492	METHYL HEPTADECANOATE (METHYL MARGARAT	
493	2-HEXENOIC ACID	
494	XDALAPON	
495	HENEICOSANIC ACID	

(continued)

TABLE 22. (continued)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
496	HEPTYL ALCOHOL	
497	6-UNDECANOL	
498	P-ISOPROPYL BENZOIC ACID	
499	4,4-DICHLOROBUTENOIC ACID	
500	XANTHRANILIC ACID	
501	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID	
502	2-PHENOXYETHANOL	
503	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE	
504	N,N#-DIMETHYLUREA	
505	2,6-DI-T-BUTYL-P-BENZOQUINONE	
506	DIPHENYLMETHANE	
507	XCAFFEINE	
508	1,2-DIHYDRONAPHTHALENE	
509	TETRAETHYLBENZENE	
510	1-ETHYLNAPHTHALENE	
511	1-METHYL-7-ISOPROPYL NAPHTHALENE	
512	X3-METHYLPHENANTHRENE	
513	1-PHENYL TETRALIN	
514	1,1-BIS(O-ETHYLPHENYL)ETHANE	
515	XSTILBENE (TRANS OR CIS, SEE NO. 222)	
516	2-PHENYL TETRALIN	
517	3-ETHYLACETOPHENONE	
518	2-(ETHYLPHENYL)PROPYL METHYL ETHER	
519	2-METHOXY-1-PROPANOL	
520	ISOMYRISTIC ACID	
521	9-KETOCAPRIC ACID	
522	ISOPALMITIC ACID	
523	XP-CHLOROBENZOIC ACID	
524	XCETYL ALCOHOL	
525	XETHYLENE TETRACHLORIDE	
526	2-METHOXY-3-METHYL-2-PENTENOIC ACID	
527	4-OXO-NONANOIC ACID	
528	3-METHYL-2-CYCLOHEXEN-1-ONE	
529	BUTYLBENZYLPHTHALATE	
530	2-METHYL-2-PROPYLHEXANOIC ACID	
531	M-CHLOROBENZOIC ACID	
532	XCHLOROBENZENE	
533	BETA,BETA-DIMETHYLPHENYLACETIC ACID	
534	3-PHENYL PENTANOIC ACID	
535	X*+$2,4-DICHLOROPHENOL	
536	4-HYDROXY-4-METHYL-2-PENTANONE	
537	X PYRIDINE	
538	2,2-DIMETHYL BUTYRIC ACID	
539	ACETOACETIC ACID	
540	2-(HYDROXYMETHYL)BENZOIC ACID	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
541	TERPIN	
542	3-METHYL VALERIC ACID	
543	3-METHOXYBENZOIC ACID	
544	3-HYDROXYTETRADECANOIC ACID	
545	2,6-DICHLOROBENZOIC ACID	
546	UNDECANEDIOIC ACID	
547	5-EPIDEOXYPODOCARPIC ACID	
548	DIACETONE ALCOHOL	
549	3-OCTANONE	
550	3-OCTENOIC ACID	
551	O-ANISIC ACID	
552	DICYCLOHEXYLADIPATE	
553	5-METHYL-2-HEXANOL	
554	PIPERIDINONE	
555	TRIDECYLIC ACID	
556	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	
557	XP-TERT-BUTYL PHENOL	
558	VACCENIC ACID	
559	6-METHYL-3(2H)-BENZOFURANONE	
560	1,3-DIMETHOXY-2-PROPANOL	
561	DIMETHYLSULFONE	
562	P-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL	
563	3-METHOXY-2-METHYL-2-PENTENOIC ACID	
564	3,3 DIMETHYLGLUTARIC ACID	
565	X$BUTYL(BUTOXY CARBONYL) METHYL PHTHALATE	
566	$DIMETHYL TEREPHTHALATE	
567	$TERT-BUTYL METHYL PHTHALATE	
568	X2-HYDROXYBIPHENYL	
569	CIS-2,5-DIMETHYLTETRAHYDROFURAN	
570	N-METHYLETHOSUXIMIDE	
571	4-TERT-BUTYL-O-PHENYLENE CYCLIC CARBONAT	
572	BUTABARBITAL	
573	2,6-BIS(1,1-DIMETHYLETHYL)-4-ETHYLPHENOL	
574	ANISOLE-2-ACETIC ACID	
575	BETA,3,4-TRIMETHYLBENZENEPROPANOIC ACID	
576	4-(1,5-DIMETHYL-3-OXOHEXYL)-1-CYCLOHEXEN	
577	2-(PHENYLMETHYL)BENZOIC ACID	
578	BENZOFURANONE	
579	1,3-PROPYLENE GLYCOL, BUTYL METHYL DIETH	
580	ALPHA,ALPHA-DICHLOROPHENYLACETIC ACID	
581	XP-TOLUENESULFONAMIDE	
582	1-(2-BUTOXY-1-METHYLETHOXY)-2-PROPANOL (	
583	6-METHYL-TETRAHYDRO-2-PYRANONE	
584	~~3y3-DIETHYLPENTANE~~	
585	1-METHOXY-2-HEXENE	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
586	DI-N-HEXYL ETHER	
587	1-METHOXY-2-BUTANOL	
588	2,3-DIMETHYL-3-PENTANOL	
589	2-METHYLGLUTARIC ACID	
590	2-ACETYL-4-METHYL-4-PENTENOIC ACID	
591	2,6-DIMETHYLPHENOXY CARBONIC ACID	
592	X6-HYDROXYCAPROIC ACID LACTONE	
593	2,3-DIMETHYLTETRAHYDRO-2-FURANOL	
594	XTRIMETHYL NITROSO UREA	
595	3,4-DIHYDROXY-6-METHOXY-1-NAPHTHALENONE	
596	XMESITYL OXIDE (3-ISOHEXEN-2-ONE)	
597	1-ETHOXY DECALIN	
598	NONADECANOIC ACID	
599	BEHENIC ACID	
600	1,3,6-TRIOXOCANE	
601	2-ETHYL-1,3-HEXANEDIOL	
602	2-ETHYL-5-METHYLDIOXANE	
603	4-HEXEN-2-ONE	
604	3-HYDROXY-1,2-BENZISOTHIAZOLE	
605	O-PROPIONYL BENZOIC ACID	
606	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID	
607	2-AMINO-5-CHLORDBENZOIC ACID	
608	2,3-BUTANEDIOL	
609	EXO-BORNEOL	
610	2,2,3-TRIMETHYL-3-CYCLOPENTENE-1-ACETALD	
611	DICYCLOHEXYL SEBACATE	
612	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXAL	
613	TRIETHYLENE GLYCOL METHYL ETHER	
614	1,3,5-TRIETHYLBENZENE	
615	2,6-DIMETHYL DECALIN	
616	XBUTROLACTONE	
617	1,1,3-TRICHLORO-1-PROPENE	
618	SEBACIC ACID	
619	2,6-DIMETHYL ACETOPHENONE	
620	3-OCTEN-2-ONE	
621	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-	
622	XSUCCINIC ACID	
623	2-ETHOXYNAPHTHALENE	
624	XN-DECYL ALCOHOL	
625	1,2,4-TRIETHYLBENZENE	
626	TETRALIN	
627	DIVINYLBENZENE	
628	P-ETHYLBENZALDEHYDE	
629	2+-METHYLACETOPHENONE	
630	1-METHYL TETRALIN	

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
631	1,1-DIMETHYL INDAN-4-CARBOXYLIC ACID, ET	
632	2-ACETYLOXYACETOPHENONE	T
633	2',4'-DIMETHYLACETOPHENONE	T
634	X2-ETHYL NAPHTHALENE	
635	2-METHYL INDAN	T
636	2,2-DIMETHYL-3,5-DECADIYNE	T
637	5-METHYL INDAN	P
638	2,5-CYCLOHEXADIENYLBENZENE	T
639	ALPHA-METHYLSTILBENE	T
640	2,3,4,5,6-PENTAFLUORO-N-(2-PHENYLETHYL)B	T
641	4,4'-DIETHYLBIBENZYL	T
642	DIPROPYLENE GLYCOL METHYL ETHER (1-(2-	T
643	3-PROPYLCYCLOPENTENE	T
644	2-HENDECANOL	T
645	1-UNDECANOL	T
646	HEXYL BENZOATE	T
647	PENTYL BENZOATE	T
648	4-METHYLPHTHALIC ACID	T
649	X2-NAPHTHOIC ACID	T
650	1,2,3,3-TETRACHLORO-1-PROPENE	T
651	1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLOI	P
652	2-METHYL VALERIC ACID	T
653	1-(4,5-DIETHYL-2-METHYL-1-CYCLOPENTEN-1-	T
654	FENCHONE	T
655	1-PHENYLBUTYRIC ACID	T
656	2-HYDROXYTETRADECANOIC ACID	T
657	3-METHYLPHTHALIC ACID	T
658	4-METHYL-3-PENTENAL	T
659	XCINEOLE	T
660	3-ETHOXY-3-METHYL-2-BUTANONE	T
661	ISOPROPENYLBENZENE	T
662	6-METHOXY-2-HEXANONE	T
663	2,4-HEPTANEDIONE	T
664	2-CYCLOOCTYL-2-PROPANOL	T
665	METHYL 2,2,3-TRIMETHYLCYCLOPENTYL KETONE	T
666	THIOHEXANOIC ACID, S-BUTYL ESTER	T
667	3-ETHOXY-3-METHYL-1-BUTYNE	T
668	5-(PENTYLOXY)-2-PENTENE	T
669	2-ETHYL-3-METHYLOXETANE	T
670	2-METHYL-2-PROPYL-1,3-DIOXOLANE	T
671	2-ETHYL-1,3,2-DIOXABOROLANE	T
672	BORNYL 2,5-DIKETONE	T
673	7,7-DIMETHYL-11-DODECEN-2-ONE	T
674	METHYL 9-OXODECANOATE	T
675	CYCLOOCTANEPROPANOL	T

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
676	CYCLOHEXYL METHYL KETONE	
677	P-ISOPROPYLBENZALDEHYDE; CUMINALDEHYDE	
678	2,3 5,6-DI-O-ISOPROPYLIDENE-ALPHA-D-TALO	
679	1-TERT-BUTYL-4-ETHOXYBENZENE	
680	5-METHYL-1(3H)-ISOBENZOFURANONE	
681	9-OCTADECENAL	
682	4-METHYL-3-HEPTEN-2-ONE	
683	6-METHOXY-2-METHYL-3-HEXANONE	
684	2,6-DIMETHYL-3-HEPTANOL	
685	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	
686	AMYL BUTYL PHTHALATE	
687	2-ETHYL-2-ISOBUTYL-1,3-DIOXOLANE	
688	P-(1-HYDROXY-1-METHYLETHYL)ACETOPHENONE	
689	2,2,6-TRIMETHYLCYCLOHEXANONE	
690	2,3-DIMETHYLBUTYRIC ACID	
691	DICHLOROISOPROPYL ETHER	
692	PENTACHLOROCYCLOPROPANE	
693	2,3-OCTANEDIONE	
694	~~1-ETHYL-2,3-DIMETHYLCYCLOHEXANE~~	
695	BUTYLBENZOATE	
696	XCHLOROBROMOMETHANE	
697	TRICHLOROPHENOXYACETIC ACID (ISOMER UNKN	
698	3-BROMO-1,1-DICHLOROPROPANE	
699	XTERT-PENTYL ALCOHOL	
700	5-METHYLHEXANOL	
701	CIS-3,4,4-TRIMETHYL-5-OXO-2-HEXENOIC ACI	
702	ETHYLENE GLYCOL, MONOMETHYL ETHER	
703	4-ISOPROPYLCYCLOHEXANOL	
704	4-METHYL-3-HEPTA[illegible]	
705	SEC-BUTYLISOPROP[illegible] ETHER	
706	X2-PROPENYL HEXANOATE	
707	CYCLOPENTANONE	
708	VINYL BUTYRATE	
709	TETRAHYDRO-5-METHYL-2-FURANMETHANOL	
710	OCTAHYDRO-2,2,4,4,7,7-HEXAMETHYL-1H-INDE	
711	OCTYL ACRYLATE	
712	XN-METHYL-2-PYROLIDONE	
713	4-KETOISOHEPTANOIC ACID	
714	3-METHYL-4-PENTEN-2-ONE	
715	CIS-1,3-DICHLOROCYCLOHEXANE	
716	3,4-DIHYDRO-6-METHYL-2H-PYRAN	
717	5-METHOXY-2-METHYL-2-PENTANOL	
718	2-VINYLCROTONALDEHYDE	
719	(1-METHYLBUTYL)OXIRANE	
720	2-HYDROXYCYCLOHEXANONE	

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
721	5-METHYL-1-HEXANOL	
722	2-T-BUTYL-2-METHYL-1,3-DIOXOLANE	
723	3-CHLORO-2-CYCLOPENTEN-1-ONE	
724	4,6,6-TRIMETHYLTETRAHYDRO-2-PYRANONE	
725	3,7-OCTADIEN-2-ONE	
726	2-HEPTENOL	
727	2-BUTOXYPENTANE	
728	ALPHA-ACETYLBUTYROLACTONE (GAMMA LACTONE	
729	2-OCTEN-1-OL	
730	CHLORACETONITRILE	
731	~~%TERPIN~~ SEE NO. 541	
732	%CINNAMALDEHYDE	
733	2-METHYLENEBUTYRIC ACID	
734	%ETHYLENE GLYCOL MONOETHYL ETHER; (OXITOL	
735	3,6-DIMETHYLOCTANOIC ACID (AN ISODECANOI	
736	3-METHYL-4-PHENYLBUTYRIC ACID	
737	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE C	
738	1,3-DIMETHYL-2-(2-ISOPROPYLPHENYL)ETHYLC	
739	%7-OXABICYCLO(4.1.0)HEPTANE	
740	%1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	
741	3-HYDROXYOCTANOIC ACID	
742	3,4-DIHYDROXYBENZALDEHYDE	
743	2,3-DICHLOROACRYLIC ACID	
744	5-OXO-HEXANOIC ACID	
745	~~ACETIC ACID~~	
746	%*ANILINE	
747	%2,2,2-TRICHLOROETHANOL	
748	%$P-XYLENE	
749	4-ACETYLMORPHOLINE	
750	2-METHYLPHENYLPROPANOIC ACID	
751	%TERT-BUTANOL	
752	3-METHYL-2-CYCLOPENTEN-1-ONE	
753	2,4-DIMETHYL-4-HEPTANOL	
754	2-METHYLCAPROIC ACID	
755	2,3,4,5,5-PENTACHLORO-2,4-PENTADIENOIC A	
756	2-METHYL-2-HEPTEN-4-ONE	
757	%2-ACETYLFURAN	
758	4-AMINO-3,5-DICHLOROBENZOIC ACID	
759	4-ETHYLHEXANOIC ACID	
760	%AMIBEN	
761	ETHYL ISOBUTYL KETONE	
762	%METHYLAL	
763	3-METHYL-2-HEXANOL	
764	1-METHYL-4-METHYLENESUBERANE	
765	2,4-DIMETHYL-2-PENTENE	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
766	ACETYL ISOBUTYRYL	
767	~~DECALIN~~	
768	1,2-DIMETHYLCYCLOHEXENE	
769	~~PENTYL TRIMETHYLENE~~	
770	4-METHOXY-1-BUTANOL	
771	3,4-EPOXY-3-ETHYL-2-BUTANONE	
772	~~2,7-DIMETHYLOCTANE~~	
773	3,4-DIHYDRO-2,5-DIMETHYL-2H-PYRAN-2-CARB	
774	~~1,1,3-TRIMETHYLCYCLOHEXANE~~	
775	N-BENZOYLGLYCINE, METHYL ESTER	
776	CUMENE ISOPROPYL ETHER	
777	2-ISOPROPYL-1,3-DIOXOLANE	
778	1-OXIRANYLETHANONE	
779	6,6-DIMETHYL-3,4-UNDECADIENE-2,10-DIONE	
780	TEREPHTHALIC ACID	
781	~~%DIMETHYL SULFATE~~	
782	1-METHYL-4-(1-METHYL-2-BUTENYL)NAPHTHALE	
783	CYCLOPENTYL BROMIDE	
784	2,2-DICHLORO-3-METHYLBUTANE	
785	%*DIPHENYLAMINE	
786	3-HYDROXY-3-METHYL-2-BUTANONE	
787	METHYL PENTADECANOATE	
788	METHYL PALMITATE	
789	METHYL ISOPALMITATE	
790	DIBENZOFURAN (DIPHENYLENE OXIDE)	
791	2,2-DICHLOROBUTYRIC ACID	
792	2-ETHYLHEPTANOIC ACID	
793	4-CHLOROPHENYL ACETATE	
794	2,3,4,6-TETRACHLOROPHENOL	
795	1-CHLORO-2-ETHYLBENZENE	
796	PERCHLOROETHANE	
797	1-BROMO-2-ETHYLBENZENE	
798	CHLOROVINYLBENZENE	
799	$1,2,3-TRICHLOROBENZENE	
800	3,5-DIBROMOTOLUENE	
801	(1,2-DICHLOROETHYL)BENZENE	
802	%M-CHLORONITROBENZENE	
803	*2,4-DICHLORONAPHTHALENE	
804	CYCLOPENTENE	
805	%+$M-DICHLOROBENZENE	
806	%*+$NITROBENZENE	
807	1-CHLOROTRICYCLO[4.3.1.13.8]UNDECANE	
808	DECAMETHYLCYCLOPENTASILOXANE	
809	2-CHLORO-1,3,5-TRIMETHYLBENZENE	
810	1-CHLORO-2(PHENYLETHYNYL)BENZENE	

(continued)

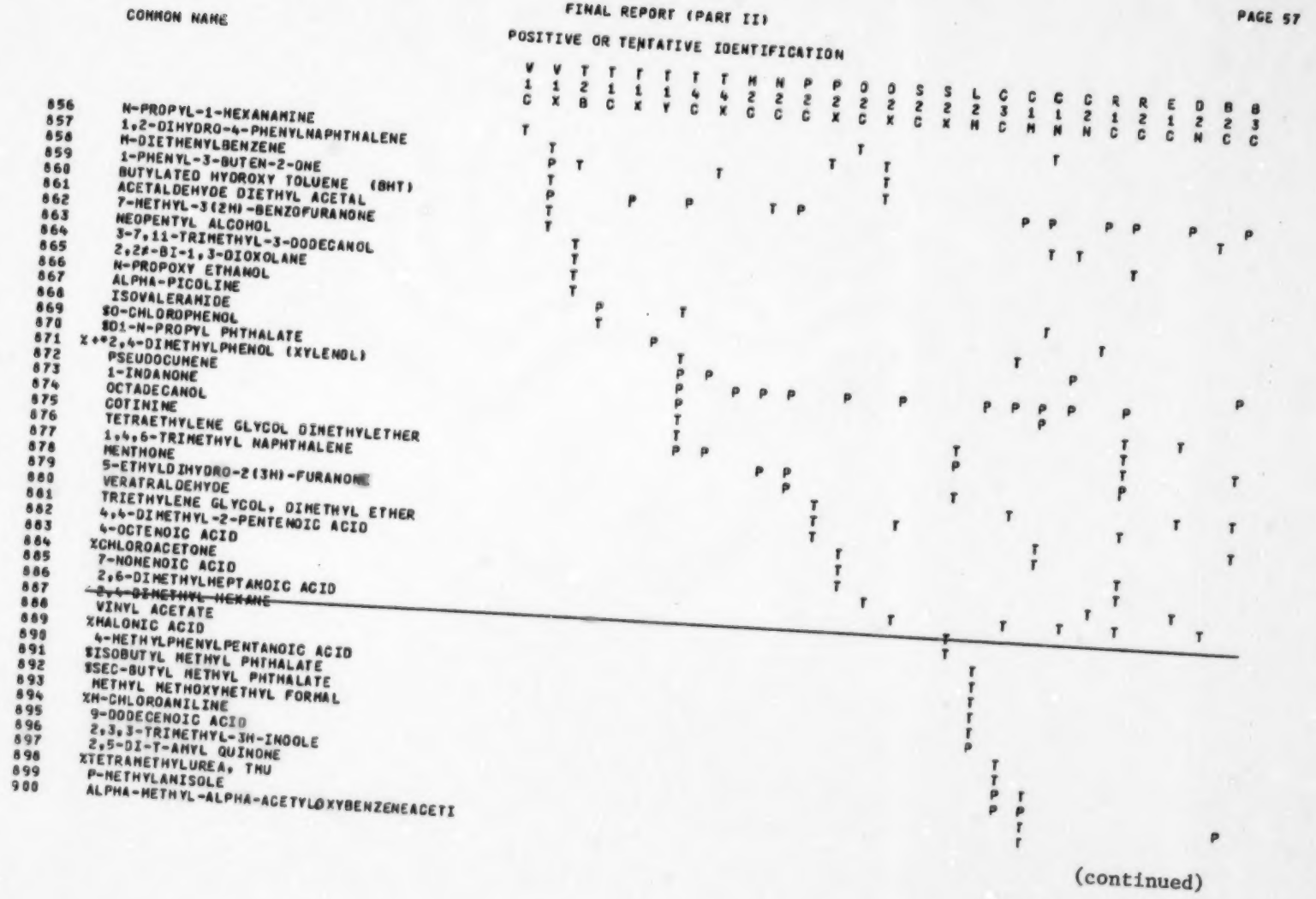
TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
811	2-METHYLBENZOTRIAZOLE	
812	%ETHYLENE GLYCOL, BIS(2-CHLOROETHYL) ETHE	
813	CYCLODODECANOL	
814	DIMETHYL SUBERATE	
815	METHYL SUCCINATE,DIMETHYL ESTER	
816	N-METHYL ETHENAMINE	
817	%HEPTANOIC ACID,ETHYL ESTER	
818	2-(2-CHLOROETHOXY)ETHANOL	
819	UNDECANOIC ACID,METHYL ESTER	
820	%BENZENEACETIC ACID,ETHYL ESTER	
821	METHYL P-ETHYLBENZOATE	
822	%CLOFIBRATE	
823	%9H-FLUOREN-9-ONE	
824	%1-METHYL-2,4-DINITROBENZENE	
825	2,4-DICHLOROPHENOXY ACETIC ACID, METHYL	
826	METHYL ISONONANOATE	
827	%ETHYL CAPRYLATE	
828	2-KETOPENTANEDIOIC ACID, DIMETHYL ETHER	
829	CLOFIBRIC ACID,METHYL ESTER	
830	METHYL ISOTRIDECANOATE	
831	ETHYL 7-METHYLMYRISTATE	
832	METHYL PENTACOSANOATE	
833	1-HEXANOL	
834	%HEXYL METHYL KETONE	
835	5-HEXEN-2-OL	
836	%N-AMYL ALCOHOL	
837	%NICOTINE	
838	3-METHYL-4-HEPTANONE	
839	2-DODECANOL	
840	2-HYDROXY-6-METHYLBENZOIC ACID	
841	2-BROMO-1,2-DICHLOROPROPANE	
842	1-BROMO-2,3-DICHLOROPROPANE	
843	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL	
844	TRIPROPYLENE GLYCOL	
845	%2,6-LUTIDINE	
846	%2,4-LUTIDINE	
847	2,3-LUTIDENE	
848	2,4,6-COLLIDINE	
849	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	
850	2-PHENYL ACROLEIN	
851	1-METHYLISOQUINOLINE	
852	2-3-DIMETHYL QUINOLINE	
853	DIDEHYDROGENATED ABIETIC ACID	
854	%PHENANTHRENE	
855	1,2-BENZISOTHIAZOLE	

(continued)

TABLE 22. (continued)



(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION																								
		V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	N22C	N22C	P2C	P2X	O2C	O2X	S2C	S2X	L2H	C3C	C1H	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
901	2,5,8-TRIMETHYL-1-NAPHTHOL																				T							
902	2,5-DIMETHYL STYRENE																				P							
903	1-(3-BUTOXYPROPOXY)-2-PROPANOL (A DIPROP																				T							
904	3-METHYL PHTHALIDE																				T							
905	BUTYL M-TOLYL SULFIDE																				T							
906	TETRAHYDROPYRAN-2-METHANOL																				T							
907	~~3-ETHYL-4-METHYLHEXANE~~																				T							
908	2-NORBORNENE-7-OL																				T							
909	2-HEXENAL																				T							
910	2,6-DIMETHYL-2-HEPTEN-4-ONE																				T							
911	4-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID																				T							
912	2-ETHYL-2-METHYLBUTYRIC ACID																				T							
913	4-METHYL-2-PHENYLQUINOLINE																				T							
914	1-(PHENYLMETHYL)ISOQUINOLINE																				T							
915	1,2,4-TRIMETHYL-1,3-DIAZOCYCLOHEX-1-ENE																				T							
916	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE																				T							
917	VINYL CYCLOHEXYLFORMATE																				T							
918	DIETHYLENEGLYCOL, CYCLOHEXYL ETHER																				T							
919	ISOINDOLE-1,3-DIONE																				T							
920	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID																				T							
921	TRICOSANOIC ACID																				T							T
922	NONACHLOR																					T						
923	3-ETHOXY-1(3H)-ISOBENZOFURANONE																					T						
924	2-ISOPROPYLTHIOPHENE																					T	P					
925	3-(2-HYDROXYPROPYL)-5-METHYL-2-OXAZALIDI																					T	T					
926	3-METHYLOCTAHYDROPENTALENE-1-CARBOXYLIC																					T						
927	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE																					T						
928	2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCL																						T					
929	4-ISOPROPOXYBUTYRIC ACID																						T					
930	DIISOPROPYL PHENOL																						T					
931	ISOSTEARIC ACID																						T					
932	ISOEICOSANOIC ACID																						T					
933	PENTACOSANOIC ACID																						T					
934	HEXACOSANOIC ACID																						T					
935	1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A																						T					
936	DIPROPYLENE GLYCOL, 2-PROPENYL ETHER																						T					
937	4-METHOXY-5-METHYL-4-CYCLOPENTEN-1,3-DIO																						T					
938	ISOPROPYL PHENYL PROPAN-1-OL																						T					
939	N-(2-METHYLPHENYL)FORMAMIDE																						T					
940	TETRAPROPYLENE GLYCOL																						T					
941	TETRAPROPYLENE GLYCOL																						T					
942	TETRAPROPYLENE GLYCOL																						T					
943	METHYLDEHYDROABIETATE																						T					
944	1,4-BENZOTHIAZIN-3-ONE																						P					
945	8-NONENE-2-ONE																							T	T		T	

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
946	DODECANEDIOIC ACID	
947	P-BROMOBENZOIC ACID	
948	2,4-DIBROMOBENZOIC ACID	
949	4-PHENYL-4-OXO-BUTYRIC ACID	
950	4(2,5-XYLYL)BUTYRIC ACID	
951	2,5-DI(CHLOROMETHYL)-3-ETHYL BENZOIC ACI	
952	N-ETHYL-4-METHYL-2-PENTANEAMINE	
953	4-ETHYLPHENOL	
954	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER	
955	2-METHOXY-2-HEXENOIC ACID	
956	3-DICHLOROMETHYL-4,6-DI-T-BUTYL-6-BENZOQ	
957	CYCLOPENTANE CARBOXYLIC ACID, VINYL ESTE	
958	HEXAHYDRO-2H-AZEPINE-2-ONE	
959	O-ALLYLTOLUENE	
960	P-ETHYL-ISOPROPYLBENZENE	T T
961	M-ETHYLISOPROPYLBENZENE	T
962	(1,1-DIMETHYLPROPYL)BENZENE	T
963	1-METHYL INDAN	T
964	1-ETHYL INDAN	T
965	1-METHYL-1,2-DIPHENYLETHANE	T
966	6-METHYL TETRALIN	T
967	2,3,4-TRIMETHYLBENZOIC ACID	T
968	2-METHYL-2-NONEN-4-ONE	T
969	XCHLOROACETIC ACID	T
970	P-DIISOPROPYL BENZENE	T
971	1-HEPTENYLBENZENE	T
972	2,3,6-TRIMETHYL BENZOIC ACID	T
973	3-METHYL-2,2-DIOXIDE-1H-2,1,3-BENZOTHIAP	T
974	ISOPROPYL ACETATE	T
975	.BETA.-OXO-BENZENEACETIC ACID, ETHYL EST	T
976	1,3-DIHYDRO-2,2-DIOXIDE-2,1,3,BENZOTHIAD	T
977	METHYLISOBUTYL BENZENE	T
978	SEC-BUTYL ALCOHOL	T
979	3,5,5-TRIMETHYL-2(5H)-FURANONE	T
980	2-PROPYLCYCLOHEXANONE	T
981	5-METHYL-5-PHENYL-2-HEXANONE	T
982	TETRAMETHYLBENZENE PROPANOIC ACID	T
983	2,2-DIMETHYLPROPANOIC ACID, 2,4,6-TRIMET	T
984	6-UNDECANONE	T
985	2,6-DIMETHYLCYCLOHEXANOL	T
986	HEXAHYDRO-3-(2-PROPENYL)-2H-AZEPIN-2-ONE	T
987	1(2,6-DIHYDROXY-4-METHOXYPHENYL)ETHANONE	T
988	XMANDELIC ACID	T
989	(2-CHLORO-2-PROPENYL)OXYBENZENE	T
990	DECYL VINYL ETHER	T

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
991	.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE A	
992	4-BUTYL-1,3-CYCLOPENTANEDIONE	
993	PHTHIOCOL	
994	P-ISOBUTYLTOLUENE	
995	%ORCINOL	
996	DIBUTYL-3-METHYLGLUTARATE	
997	7-METHYL-7-HEPTADECANOL	
998	CYCLOHEXYL CHLORIDE	
999	1-PHENYLNAPHTHALENE	
1000	2-PHENYLNAPHTHALENE	
1001	2-ETHYL TETRALIN	
1002	%2-METHYLANTHRAQUINONE	
1003	4-METHYL INDAN	
1004	BENZILIDENEACETONE	
1005	2,4-DIMETHYL-1-SEC-BUTYLBENZENE	
1006	4-ETHYLBENZYL ALCOHOL	
1007	1,3-DIMETHYNAPHTHALENE	
1008	(2-METHYL-1-PROPENYL)BENZENE	
1009	P-DIPROPYLBENZENE	
1010	(1,1-DIMETHYLBUTYL) BENZENE	
1011	%AZULENE	
1012	1-METHYLFLUORENE	
1013	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	
1014	OCTAHYDROINDENE	
1015	%O-XYLENE	
1016	BUTYL FORMATE	
1017	IODOCYCLOHEXANE	
1018	2,2-DIMETHYLSUCCINIC ACID	
1019	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN	
1020	4-HYDROXY-3-METHYL-2-(2-PROPENYL)-2-CYCL	
1021	OCTAHYDRO-4A,5-DIMETHYL-3-ISOPROPYL-2(1H	
1022	2,4-DIMETHYL-2-PENTANOL	
1023	D-FENCHONE	
1024	1,2-DIMETHYL-3-ISOPROPENYLCYCLOPENTANOL	
1025	4,8-DIMETHYL-7-NONEN-2-ONE	
1026	2-METHYL-1-PENTEN-3-ONE	
1027	2,2-DIMETHYL-3,5-DECADIENE	
1028	2,4,6-TRICHLOROANILINE	
1029	2,4-DIMETHYL HEXANOIC ACID	
1030	1-ETHYL-3-METHYL BENZENE	
1031	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE	
1032	1,2,3-TRIMETHYL BENZENE	
1033	1-(3,3-DIMETHYLOXIRANYL)ETHANONE	
1034	4,4-DIMETHYL-1,3-DIOXANE	
1035	%3,4-DICHLOROPHENOXYACETIC ACID	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION																													
		V 1 C	V 1 X	T 2 B	T 1 C	T 1 X	T 1 Y	T 4 C	T 4 X	N 2 C	N 2 C	P 2 C	P 2 X	O 2 C	O 2 X	S 2 C	S 2 X	L 2 N	C 3 C	C 1 H	C 1 N	C 2 N	R 1 C	R 2 C	E 1 C	D 2 N	B 2 C	B 3 C			
1036	DODECAMETHYLCYCLOHEXASILOXANE										T					T														
1037	X2,6-DIMETHYLNAPHTHALENE										P								P	P											
1038	XO-CHLORONITROBENZENE										P												P								
1039	XMESITYLENE										P	P				P	P		P		P										
1040	1-(DICHLOROMETHYL)-4-ETHYLBENZENE										P																				
1041	1,1-DIBUTOXY-BUTANE										T																				
1042	CIS-9-OCTADECENAMIDE										T																				
1043	X*TRIPHENYL PHOSPHATE										P																				
1044	3,3,5-TRIMETHYCYCLOHEXANONE										T																				
1045	4-ISOPROPYLACETOPHENONE										T																				
1046	2-METHYL-3-OXOHEXANOIC ACID, ETHYL ESTER										T																				
1047	~~DIAMYLPHTHALATE~~										T					P														
1048	4,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ON										P																				
1049	X*O-CHLOROTOLUENE										T																				
1050	1,1,2,3-TETRACHLOROPROPANE					P		P		P						P	P														
1051	ETHYL BUTYL KETONE							P		P	P	P				P	T						P	P	P						
1052	XM-AMINOACETOPHENONE							T		T				T		T	P					T		P		T					
1053	ALPHA-CHLOROPROPIONIC ACID								T	T																					
1054	2,3-DIMETHYL-2-PENTANOL									P																					
1055	3-CHLORO-2-METHYL-1-BUTENE									T																					
1056	2,3-DICHLOROISOBUTANAL									T																					
1057	1-CHLORO-3-(CHLOROMETHYL)BENZENE									T																					
1058	1,4-DIHYDRO-1-METHYL-4-OXONICOTINONITRIL									T																					
1059	2,4,4-TRIMETHYL-2-PENTENAL									T																					
1060	1-METHYL-4-ISOPROPYL-1,2-CYCLOHEXANEDIOL									T																					
1061	X3-METHYL-1-BUTANOL ACETATE									T																					
1062	TIGALDEHYDE									T						T															
1063	TRIMETHYLOXIRANE									T		T				T															
1064	1-HYDROXY-3-METHYL-2-BUTANONE									T						T															
1065	CIS-2,3-EPOXYHEXANE									T																					
1066	2,4-DIMETHYLPENTANAL									T																					
1067	CYCLOHEXYL ETHER									T						T															
1068	3-ETHYL-2,2-DIMETHYLOXIRANE									T																					
1069	4-HYDROXY-3-METHYL-2-BUTANONE									T						T															
1070	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE									T																					
1071	3-HYDROXYBENZALDEHYDE									T																					
1072	2,2-DIETHOXYETHANOL	T						P																							
1073	6-ETHYL TETRALIN	T						T																							
1074	2-HYDROXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE,	T						P				T		T																	
1075	3,3-DICHLORO-2-PROPENOIC ACID				T		T	T																							
1076	3-HYDROXYCAPRIC ACID					T		T			T			T																	
1077	1-ALLYLNAPHTHALENE						P																								
1078	2-METHYLFURAN						T	T											P		T										
1079	N-PHENYL ACETAMIDE						T								T																
1080	N,N-DIMETHYLBENZYLAMINE						T	T						T									P								
							P	P																							

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1081	TETRAPROPYLENE GLYCOL METHYL ETHER	
1082	4-CHLOROCROTONIC ACID	
1083	M-DI-SEC-BUTYLBENZENE	
1084	P-DI-SEC-BUTYLBENZENE	
1085	X2-METHYL-2-PHENYLOXIRANE	
1086	6,6-DIMETHYL-2,5,10-UNDECANETRIONE	
1087	2-METHYL-2-CYCLOPENTEN-1-ONE	
1088	3,4-DIMETHYLBENZALDEHYDE	
1089	$ETHYLBENZENE	
1090	3-BROMOHEPTANE	
1091	N-BENZOYL-L-ALANINE, METHYL ESTER	
1092	1,1,2-TRICHLORO-1-PROPENE	
1093	2-ETHYLACETOACETIC ACID	
1094	5-METHYL-3-HEXEN-2-ONE	
1095	4,4-DIMETHYLHEXANAL	
1096	TETRAHYDRO-2H-PYRAN-2-ONE	
1097	2-DECANOL	
1098	2,5-DICHLORO-4-METHYLBENZOIC ACID	
1099	1-NAPHTHOIC ACID	
1100	2-CHLORO-3-METHYL-2-BUTENE	
1101	*+$PENTACHLOROBIPHENYL + OTHER PCBS	
1102	2,4-DICHLOROPENTANE	
1103	3,6-DIMETHYL-3-HEPTANOL	
1104	1-ETHOXY-2-HEPTANONE	
1105	3-CYCLOHEXYL-4-PENTEN-2-ONE	
1106	3-METHYL-1,2,4-CYCLOPENTANETRIONE	
1107	3-ETHOXYPROPANAL	
1108	1-(1-CYCLOHEPTEN-1-YL)ETHANONE	
1109	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE	
1110	XBETA-CITRONELLOL	
1111	3-ETHYL-4-METHYL-3-PENTEN-2-ONE	
1112	4,4-DIMETHYLCYCLOHEXENE	
1113	1-NITRO-2-OCTANONE	
1114	2,3,3-TRIMETHYLHEXANE	
1115	5,5-DIETHOXY-3-PENTYN-2-ONE	
1116	3-ALLYL-2,4-PENTANEDIONE	
1117	2,2-DIMETHYL-3-PROPYLOXIRANE	
1118	7-METHYL-3-OCTEN-2-ONE	
1119	MENTHYL ACETATE	
1120	3-METHYL-3-DECEN-2-ONE	
1121	DI-SEC-BUTOXYMETHANE	
1122	XANTHENE	
1123	6-DODECANOL	
1124	2-METHYL-2-HEXANOL	
1125	5-METHYL-3-METHYLENE-2-HEXANONE	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1126	CYCLODECANOL	
1127	1-(ETHNYLOXY)PENTANE	
1128	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE	
1129	PHENYLBUTANAL	
1130	CIS-5-BUTYLDIHYDRO-4-METHYL-2(3H)-FURANO	
1131	2,6-DIISOPROPYLPHENOL	
1132	ALPHA-FARNESAL	
1133	3A,4,5,7A-TETRAHYDRO-4-HYDROXY-3A,7A-DIM	
1134	BUTYL CYANATE	
1135	ETHYL AMYL KETONE	
1136	3,8-NONADIEN-2-ONE	
1137	3A,4,7,7A-TETRAHYDRO-2-PROPYL-1H-ISOINDO	
1138	2-HEXEN-1-OL	
1139	ISOCYANOETHANE	
1140	4-PENTEN-2-OL	
1141	3-CHLORO-3-BUTEN-2-ONE	
1142	(2-(PENTYLOXY)ETHYL)CYCLOHEXANE	
1143	2,4-DI-TERT-BUTYLPHENOL	
1144	2-CHLORO-2-PROPENOIC ACID	
1145	BETA-RESORCYLIC ACID	
1146	XP-NITROBENZOIC ACID	
1147	HEPTANE	
1148	TETRAHYDROFURFURYL ALCOHOL; THFA	
1149	LOLIOLIDE	
1150	X°+$FLUORANTHENE	
1151	METHYL HEPTADECANOATE	
1152	XPROPIOPHENONE	
1153	(1-NITROETHYL)BENZENE	
1154	2,3,4,5-TETRACHLOROANILINE	
1155	2-METHYL-1-NAPHTHALENOL	
1156	2,3-DICHLOROBUTENE	
1157	1-BROMO-2-CHLORO-2-BUTENE	
1158	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE	
1159	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE	
1160	X+9H-FLUORENE	
1161	P-BROMOTOLUENE	
1162	1,2-DICHLORO-3-NITROBENZENE	
1163	2-CHLORO-P-CYMENE	
1164	2-CHLORO-1-(4-ETHYLPHENYL)-2-METHYL-1-PR	
1165	X*$LINDANE	
1166	METHYL DICHLOROACETATE	
1167	XURETHANE (ETHYLCARBAMATE)	
1168	4-CHLOROPHENYL ACETIC ACID, METHYL ESTER	
1169	METHYL ANTEISOPENTADECANOATE	
1170	P-CHLORO-2-NITROANILINE	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1171	2,4-D, ETHYL ESTER	
1172	ALPHA-KETOGLUTARIC ACID	
1173	METHYL PROPENYLOXY KETONE	
1174	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	
1175	XETHYLENE GLYCOL	
1176	GAMMA-PICOLINE	
1177	2,5-LUTIDINE	
1178	2,3,6-TRIMETHYLPYRIDINE	
1179	5-ETHYL-2-PICOLINE	
1180	2,3,4-TRIMETHYLPYRIDINE	
1181	2,4,5-COLLIDINE	
1182	2-ETHYL-6-PICOLINE	
1183	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	
1184	XQUINOLINE	
1185	XQUINALDINE	
1186	DIPROPYLENE GLYCOL	
1187	2-(1-METHYL-2-PIPERIDINYL)-PYRIDINE	
1188	ABIETIC ACID	
1189	METHYLOCTADEC-10-ENOATE	
1190	METHYL-9,11-OCTADECADIENOATE	
1191	M-METHOXYPHENYL ACETATE	
1192	2-METHYL TETRALIN	
1193	4-METHYLPHENANTHRENE	
1194	3-METHYL INDENE	
1195	DIMETHYL NAPHTHALENE	
1196	3-ETHOXYPROPIONITRILE	
1197	(2-PHENYLETHYL)ACETATE	
1198	2-XYLYLETHANOL	
1199	ACETYL BIPHENYL	
1200	4-OCTANONE	
1201	3-BUTEN-2-OL	
1202	O-ETHYLSTYRENE	
1203	1-HEPTADECENE	
1204	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	
1205	DODECANAMIDE	
1206	METHYL-2,3-DIMETHYL BENZOATE	
1207	METHYL-11-OCTADECENOATE	
1208	METHYL-9,12,15-OCTADECATRIENOATE	
1209	XN,4-DIMETHYLBENZENESULFONAMIDE	
1210	3-METHYL-1-PENTANOL	
1211	XP-CYMENE (P-ISOPROPYL TOLUENE)	
1212	4-PHENYL PENTANOIC ACID	
1213	COUMARONE	
1214	XPHENYL ETHER	
1215	*2-METHYL STYRENE	

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1216	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	
1217	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	
1218	1,6-DIMETHYLNAPHTHALENE	
1219	4-PHENYLBICYCLOHEXYL	
1220	X*+$HEXACHLOROBENZENE	
1221	X3,5-DICHLOROPHENOL	
1222	O-ETHYL TOLUENE	
1223	4,7-DIMETHYLBENZOFURAN	
1224	1,3,6-TRIMETHYLNAPHTHALENE	
1225	6-METHYL-3,5-HEPTADIEN-2-ONE	
1226	2-METHYLCYCLOPENTANONE	
1227	1-ACETYLPIPERIDINE	
1228	5-ETHENYL TETRAHYDRO-.ALPHA.,.ALPHA.,5-T	
1229	2,4,5,7-TETRAMETHYLPHENANTHRENE	
1230	DIPROPYL CARBINOL	
1231	XGUAIACOL	
1232	8-NONENOIC ACID	
1233	METHOXYNAPHTHALENE	
1234	3,3,4-TRIMETHYLDECANE	
1235	2-OCTYLPHENOL	
1236	1,3,5-TRICHLORO-2-METHOXYBENZENE	
1237	DIMETHYLNAPHTHALENE	
1238	METHYL 4-BUTOXYBUTYRATE	
1239	*TRI-M-CRESYLPHOSPHATE	
1240	2-AMINO-5-PICOLINE	
1241	TRANS-2-ETHYL-3-PROPYLOXIRANE	
1242	PENTACHLOROPYRIDINE	
1243	2,3,4-TRIMETHYLOXETANE	
1244	2,5-DIMETHYL THF	
1245	4-BROMO-3-PHENYLSYDNONE	
1246	3,8-DIMETHYL-5-ISOPROPYL-1,2-NAPHTHOQUIN	
1247	CHLOROIODOMETHANE	
1248	1-METHYL-4-(1-METHYLETHENYL)-CYCLOHEXENE	
1249	1-(2-BROMOETHYL)-4-CHLOROBENZENE	
1250	3,4,5,6-TETRAMETHYLPHENANTHRENE	
1251	(2-BROMOCYCLOPROPYL)BENZENE	
1252	OCTAHYDROAZOCINE	
1253	PIPERIDONE	
1254	P-TOLYL ACRYLIC ACID	
1255	N-HEXYLBUTANAMIDE	
1256	4H-PYRAN-4-ONE	
1257	2-CYCLOHEXENOL	
1258	5-DECANONE	
1259	3,3-DIMETHYL-2-HEXANONE	
1260	4-METHYLHEXANAL	

(continued)

TABLE 22. (continued)

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	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1261	1-VALERYLPYRROLIDINE	
1262	1-ETHYL-2,5-PYRROLIDINEDIONE	
1263	CONIINE	
1264	HEPTYL ACETATE	
1265	~~PHOSPHORIC ACID~~	
1266	2-ETHYLVALERIC ACID	
1267	1,5-DIPHENYL-3-PENTANONE	
1268	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE	
1269	4,6-DIMETHYLNONANOIC ACID	
1270	DIMETHYLFLUORENE	
1271	1,2,3,4-TETRACHLOROBUTANE	
1272	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE	
1273	5-DODECANONE	
1274	X2,6-DIMETHYLQUINOLINE	
1275	TETRAPROPYLENE GLYCOL	
1276	N-ETHYL-2-BENZOTHIAZOLAMINE	
1277	DIMETHYLCYCLOHEXANE DIONE	
1278	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	
1279	2,2,5,7-TETRAMETHYL-4,5-OCTADIENE-3-ONE	
1280	1,2-DIAZABICYCLO(2.2.2.)OCTAN-3-ONE	
1281	2-METHOXY-18-UNDECENOIC ACID	
1282	CETENE	
1283	1-OCTADECENE	
1284	1-PROPOXY-2-PROPANOL	
1285	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE	
1286	BROMOCHLOROBENZOIC ACID	
1287	16-HYDROXY PALMITIC ACID	
1288	P-AMINOBENZENE-T-BUTYRIC ACID	
1289	BARBITAL	
1290	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL	
1291	5,5-DIMETHYLFURANONE	
1292	5-HEPTEN-2-ONE	
1293	N-METHYL-2-PIPERIDINONE	
1294	3,4-DIMETHYL-3-PENTEN-2-ONE	
1295	PHENYLCYCLOHEXANE	
1296	ETHYLVALERATE	
1297	XETHYL HEXANOATE	
1298	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	
1299	SYM-DIPHENYLETHANE (BIBENZYL)	
1300	DIETHYL TOLUENE	
1301	1,6-DIMETHYL DECALIN	
1302	XM-TOLUQUINONE	
1303	4-METHYLCYCLOHEXANE CARBOXYLIC ACID	
1304	1,4-DIMETHYL-2-ISOBUTYL BENZENE	
1305	5-METHYLFURFURAL	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1306	1,1-DIMETHYL INDENE	
1307	2-PENTENOIC ACID	T
1308	CLOFIBRIC ACID, M-CHLORO ISOMER	T
1309	7-OXO-OCTANOIC ACID	
1310	1,2,3,3A-TETRAHYDRO AZULENE	
1311	~~2,6-DIMETHYLOCTANE~~	
1312	6-METHYL-BICYCLO(4.1.0)HEPTANONE	
1313	XFURFURAL	
1314	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE	
1315	XDIETHYL SULFITE	
1316	~~1,2,4-TRIMETHYL CYCLOHEXANE~~	
1317	3-ISOPROPYL-2,4-PENTANEDIONE	
1318	2-METHLY-5-ISOPROPYLCYCLONEXANONE	
1319	2-BUTYL-2-OCTENAL	
1320	3,3-DIMETHYL-2(3H)-FURANONE	
1321	3-HYDROXY-2,4-PENTANEDIONE,BENZOATE	
1322	2,2-DIMETHYLHEXANEDIOIC ACID, DIMETHYL E	
1323	VINYL CHLORIDE	
1324	XCROTONIC ACID	
1325	3-PENTENOIC ACID	
1326	XOXALIC ACID	
1327	1-ETHYL-2,3-DIMETHYL BENZENE	
1328	(1-ETHYL-2-PROPENYL)-BENZENE	
1329	2,6-DIMETHYLSTYRENE	
1330	BIS(3-METHYLPHENYL)METHANONE	
1331	CIS-2,3-DIHYDRO-2-METHYL-1H-INDENE-1,2-D	
1332	2,3-DIHYDRO-3,3-DIMETHYL-1H-INDEN-1-OL	
1333	1-(1-CYCLOHEXEN-1-YL)ETHANONE	
1334	M-MENTH-1(7)-ENE (R)-(-)	
1335	1,7,DIHYDRO-2-(METHYLAMINO)-6H-PURIN-6ON	
1336	1-ALLYLBENZENE	
1337	2(3H)-BENZOTHIAZOLONE	
1338	XP-TOLUQUINONE	
1339	3+,4+-DIHYDROXYACETOPHENONE	T
1340	TRANS-3-METHYL-3-PENTENOIC ACID	
1341	O-CRESOTIC ACID	
1342	PHLOROL	
1343	2,3-DIMETHYL TETRALIN	
1344	OCTYL BENZENE	
1345	2,4,5-TRIMETHYLBENZALDEHYDE	
1346	3-METHYLSTILBENE	
1347	2-METHYL-3-HEXANOL	
1348	BENZIL	
1349	2-[1-(2-METHOXYETHOXY)ETHOXY]ETHANOL	
1350	1,1,2,3,3-PENTACHLOROPROPANE	P P T P P P P

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION	V1C	V1X	T2S	T1C	T1K	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	D2X	S2C	S2X	L2M	C3C	C1N	C1M	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1351	5-METHYL TETRALIN																												
1352	2-PROPYLHEPTANOIC ACID											T	T	P															
1353	O-ISOPROPYLBENZOIC ACID												T																
1354	1-METHYL-2-CYCLOHEXEN-1-OL												T																
1355	4-ETHYLPYRIDINE												T																
1356	X1,3,6-TRIMETHYL-2,4(1H,3H)-PYRIMIDINEDIO												T																
1357	XCAPRALDEHYDE												T																
1358	3+,4+-DIMETHOXYACETOPHENONE												T																
1359	2-METHYL-3-PENTANONE												T																
1360	2-ETHYL PENTANOIC ACID												T				T												
1361	~~UNDECANE~~											T																	
1362	1-ETHYL-3,5-DIMETHYL BENZENE											T																	
1363	4-ETHYL-1,2-DIMETHYL BENZENE											T																	
1364	ISODURENE											P	P			P				P							T		
1365	1,2-DIMETHYL INDAN											P	P					P		P									
1366	X1,4-DIMETHYLNAPHTHALENE											P					P			P									
1367	P-CHLORONITROBENZENE											T	T																
1368	2,3,6-TRIMETHYLNAPHTHALENE											T																	
1369	1,6,7-TRIMETHYLNAPHTHALENE											P																	
1370	5-CHLORO-2-METHYLBENZOFURAN											T	P				T				T	P		P					
1371	CIS-1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALEN											T	P								T	P							
1372	CHLOROFLUOROBENZENE											T																	
1373	1,1,3-TRICHLORO-2-METHYL-1-PROPENE											T																	
1374	PENTACHLOROBENZENE											T																	
1375	2-T-BUTYL NAPHTHALENE											T																	
1376	~~DECYLCYCLOHEXANE~~											T																	
1377	X*+$HEPTACHLOR											T																	
1378	NITROCYCLOHEXANE											P												P	P				
1379	2,6-DIMETHYLCYCLOHEXANONE											T																	
1380	METHOXYCYCLOHEXANE											T																	
1381	P-ETHYL TOLUENE									T																			
1382	ACETOIN									P																			
1383	2-METHYL-2-ISOPROPYL-1,3-DIOXOLANE									T				T															
1384	DIMETHYL ISOPROPYL BENZENE									T						T													
1385	2,2#METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4							T																					
1386	DIMETHYL INDAN							T																					
1387	2,4,6-TRIMETHYLBENZALDEHYDE								T																				
1388	M-ANISALDEHYDE								T					T															
1389	DIBROMOCYCLOHEXENE								T								T												
1390	META-CYMENE (M-ISOPROPYL TOLUENE)								T																				
1391	2-KETO-3-METHYL VALERIC ACID												P			P				T									
1392	5-HEXENOIC ACID															T													
1393	3,3-DIMETHYLBUTYNE															T													
1394	SEC-ISOAMYL ALCOHOL															T													
1395	7-OCTEN-4-OL															T												T	

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION																												
		V1C	V1X	T2B	T1C	T1X	T1V	T4C	T4X	M2C	N2C	P2C	P2X	D2C	D2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1396	2-METHYLCYCLOPENTANOL ACETATE															T													
1397	2,4-DIISOPROPYLPHENOL															T													
1398	ETHYL 4-HYDROXYPHENYLACETATE															T													
1399	TRIETHYLENE GLYCOL, PHENYL ETHER															T												T	
1400	2-ETHYL-3-PROPYLOXIRANE															T													
1401	DMU (DIMETHYL UREA)															T													
1402	P-(1-ETHYLPROPYL)TOLUENE															T													
1403	2-METHYL-1-DODECANOL															P													
1404	2-METHYLENE-1-BUTANOL ACETATE															T													
1405	TETRAHYDROFURFURYL ACETATE															T													
1406	5-METHOXY-2-PENTANONE															T													
1407	5-(ACETYLOXY)-2-PENTANONE															T													
1408	PINACOL															T													
1409	1,1-DIMETHOXYCYCLOHEXANE															T													
1410	METHYL 3,6-DIHYDRO-4,5-DIMETHYL-2H-PYRAN															T												T	
1411	5-NONANOL															T													
1412	1-TERT-BUTOXY-2-METHYLCYCLOHEXENE															T													
1413	O-ISOPROPYLACETOPHENONE															T													
1414	NONYLPHENOL															T													
1415	X2-FUROIC ACID															T													
1416	CROTONYLBENZENE															T													
1417	ALLYLACETONE																T												
1418	SPIRODODECANE																T												
1419	1-PHENYL-1,2-PROPANEDIONE																T												
1420	1-(BROMOMETHYL)-4-METHYLBENZENE																T												
1421	P-CHLOROANISOLE																T												
1422	1,2,4,5-TETRACHLOROBENZENE					T																							
1423	(1-CHLOROETHYL)DIMETHYLBENZENE					T																							
1424	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE					P																							
1425	1-(CHLOROMETHYL)NAPHTHALENE					T																							
1426	*$TETRACHLOROBIPHENYL					T																							
1427	*$PENTACHLOROBIPHENYL					T																							
1428	3-HEXYL BROMIDE					P																							
1429	1,1,2-TRICHLOROPROPANE					T																P	P						
1430	5,8-DIMETHYLQUINOLINE				T						T																		
1431	2,3,5-COLLIDINE				T										T														
1432	4-ETHYL-2,6-DIMETHYL PYRIDINE				T																								
1433	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE				T																		T						
1434	X2,4-DIMETHYLQUINOLINE				T																		T						
1435	METHYL OLEATE				T																								
1436	9,12-OCTADECADIENOIC ACID	T																											
1437	4-ETHENYL BENZOIC ACID	T																											
1438	4-HYDROXYACETOPHENONE		T																										
1439	1-NAPHTHALENOL		T																										
1440	DIETHYL PHENOL,(UNKNOWN ISOMER)		T																										

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

POSITIVE OR TENTATIVE IDENTIFICATION

	COMMON NAME	V1C	V1X	T2B	T1C	T1X	T1Y	T4C	T4X	M2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
1441	METHOXYBENZENE		P																									
1442	2,2-DIMETHYL-1,1-BIPHENYL		P																									
1443	ALPHA-HYDROXY-ALPHA-PHENYL PHENYL ACETIC		T																									
1444	1-METHYL ANTHRACENE		T																									
1445	4-METHYL-3-HEPTANONE		T																									
1446	METHYL PROPIONATE		T													T												
1447	P-METHYL ACETOPHENONE		P																									
1448	2#,4#,6#-TRIMETHYLACETOPHENONE		T																									
1449	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE		T																									
1450	2-ALLYL BENZOATE		T																									
1451	1-METHOXYETHYLBENZENE		T																									
1452	QUINOXALINE		T																									
1453	ETHYL MARGARATE		P																									
1454	BENZOPHENONE		T										P															
1455	X+PYRENE	P		P									P							P								
1456	7-ETHYLQUINOLINE		T																		T							
1457	2-ETHOXYBUTANE			T																								
1458	HYDROGENATED ABIETIC ACID			P																								
1459	1-ETHYL-METHYLCYCLOPENTANE			T																								
1460	X$CUMENE			T				P				P		P					P									
1461	BENZALDEHYDEOXIME			T																								
1462	METHYL PALMITOLEATE			T																								
1463	X+ACENAPHTHALENE							P								P				P				P		P		P
1464	1-METHYL-4-PROPYLBENZENE									T						P					P							
1465	X+$DDE										P		P										P	T				
1466	2-ETHYL-1,4-DIMETHYL BENZENE											T				P			P									
1467	1,2,8-TRIMETHYLNAPHTHALENE (3,4,5-TR											T									T							
1468	1,6-DICHLORO-1,5-CYCLOOCTADIENE											T					T							T				
1469	1,5,8-TRIMETHYL TETRALIN															T			T									
1470	DURENE															P			P	P	P							
1471	TERT-BUTYLBENZENE																	T		T								
1472	4,6-DIMETHYL PYRIMIDINE																	T										
1473	2,3-DIMETHYL PYRAZINE																	P										
1474	PYRAZOLE																	T										
1475	1-METHYL-3-PROPYL BENZENE																		P									
1476	N-PROPYLNAPHTHALENE																		P									
1477	TRIMETHYLNAPHTHALENE																		P		P			T				
1478	TRIMETHYLNAPHTHALENE																		P									
1479	TRIMETHYLNAPHTHALENE																		P							T		
1480	TRIMETHYLNAPHTHALENE																		P									
1481	TRIMETHYLNAPHTHALENE																		P									
1482	TRIMETHYLNAPHTHALENE																		P					T				
1483	TRIMETHYLNAPHTHALENE																		P									
1484	X+ANTHRACENE																		P									
1485	TRIDECANE																		T									

(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1486	3-METHYL-3-HEXANOL	
1487	DIETHYLMETHYLVINYLSILANE	
1488	1,3-DISOPROPYL BENZENE	
1489	TETRAHYDROLINALOOL	
1490	2-PHENYL-1,4-CYCLOHEXADIENE	
1491	C3 NAPHTHALENE	
1492	1,4-DIMETHYL-5-OCTYLNAPHTHALENE	
1493	ETHYLBENZYL BENZENE (ISOMER UNKNOWN)	
1494	TETRAMETHYL BIPHENYL	
1495	PENTATRIACONTANE	
1496	1,3,5-TRI-TERT-BUTYL BENZENE	
1497	DI-P-TOLYLMETHANE	
1498	DIMETHYLDIPHENYLMETHANE	
1499	X2,3-DIMETHYLNAPHTHALENE	
1500	2-BUTYLNAPHTHALENE	
1501	1,2,4-TRITERTIARY BENZENE	
1502	*P-CHLOROACETOPHENONE	
1503	2,6-DI-TERT-BUTYL TETRALIN	
1504	1,1,3-TRIMETHYL-3-PHENYL INDAN	
1505	1-BROMO-2-CHLOROCYCLOPENTANE	
1506	BETA,BETA-DIMETHYL HISTAMINE	
1507	4-DECANONE	
1508	6-METHYL-2-PHENYLQUINOLINE	
1509	N-BUTYLBENZENE	
1510	HEXAMETHYLENE ACETAMIDE	
1511	4-METHYL-3-HEXANOL	
1512	HEXYL BUTYRATE	
1513	*TRICHLOROBIPHENYL	
1514	2,3,6-TRIMETHYLHEPTANE	
1515	*$HEXACHLOROBIPHENYL	
1516	X*+$DDT	
1517	DIBENZOTHIOPHENE	
1518	4-METHYLDIBENZOTHIOPHENE	
1519	9-ETHYL PHENANTHRENE	
1520	METHYLBENZACRIDINE	
1521	3-ETHYL-5-METHYLPYRIDINE	
1522	N,N-DIETHYLANILINE	
1523	3-DODECANONE	
1524	2,3,4-TRIMETHYLQUINOLINE	
1525	TRIMETHYLQUINONE	
1526	HEXANEDIOIC ACID, DIHEXYL ESTER	
1527	X*P-NITRO PHENOL	
1528	3-CHLORO-2-BUTANOL	
1529	M-CYCLOHEXYLPHENOL	
1530	3-METHYLPIPERIDINE-2,6-DIONE	

V1C	V1X	T2B	T1C	T1K	T1Y	T4C	T4X	N2C	N2C	P2C	P2X	O2C	O2X	S2C	S2X	L2M	C3C	C1M	C1N	C2N	R1C	R2C	E1C	D2N	B2C	B3C
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(continued)

TABLE 22. (continued)

FINAL REPORT (PART II)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION																													
		V 1 0 C	V 1 1 X	T 1 2 B	T 1 1 C	T 1 1 K	T 1 1 Y	T 1 4 C	T 1 4 X	N 2 2 C	N 2 2 C	P 2 2 C	P 2 2 X	O 2 2 C	O 2 2 X	S 2 2 C	S 2 2 X	L 2 H	C 3 C	C 1 H	C 1 N	C 2 N	R 1 C	R 2 C	E 1 C	D 2 N	B 2 C	B 3 C			
1531	10-UNDECENOIC ACID																									T					
1532	5-PROPYLDIHYDRO-2-FURANONE																									T					
1533	3A,7A-DIMETHYL OCTAHYDRO-4-ISOBENZOFURAN																									T					
1534	3-METHYL-3-OCTANOL																									T					
1535	BROMODICHLOROANILINE																										T	T			
1536	6-PHENYL-2-HEXANONE																										T	T			
1537	METHYL NONADECANOATE																										T	T			
1538	HEPTYLPROPIONATE																										T	T			
1539	METHYLCAPRYLIC ACID																										T	T			
1540	ACETAMIDE																										T	T			
1541	DIETHYLENE GLYCOL, MONOMETHYL ETHER																										T	T			
1542	N-BUTYLAMINE																										T	T			
1543	XETHYL CAPRATE																											T			
1544	1,3-DIMETHYL-5-(1-METHYLETHYL)-BENZENE	T																										T			
1545	2,4-DIMETHYLISOPROPYLBENZENE																											T			
1546	3-PHENYLPENTANE							P					P															T			
1547	$N-PROPYL BENZENE							T						T														T			
1548	1,3-DIMETHYL INDAN								T																			T			
1549	C6-BENZENE												T															T			
1550	2-METHYL-2-BUTENAL											P			T													T			
1551	3-FUROIC ACID											T																T			
1552	TETRAHYDRO-3,6-DIMETHYL-2H-PYRAN-2-ONE																											T			
1553	2,3-DIMETHYL-1,4-HEXADIENE																											T			
1554	2-METHYL-CYCLOHEXANEMETHANOL																											T			
1555	3,4-DIHYDRO-1(2H)-NAPHTHALENONE													T																	
1556	PENTAMETHYLBENZENE													T																	
1557	XISOQUINOLINE													T																	
1558	2,4-DIMETHYLPENTANOL													T																	
1559	3,3-DIMETHYLBUTANAMINE													T																	
1560	2,7-DIMETHYL TETRALIN													T																	
1561	2,4-DIMETHYLHEPTANE											T																			
1562	2,6-DIMETHYLHEPTANE											T																			
1563	ETHYL BENZOPHENONE											T																			
1564	2,4-DICHLOROANILINE											P																			
1565	%3,4-DICHLOROANILINE											T																			
1566	2-IODOPENTANE							T				T																			
1567	2-METHYLTHIOPHENE							T		T																					
1568	1,1,3-TRICHLORO-1-BUTENE									T																					
1569	1-ETHYL-2,4-DIMETHYL BENZENE									T																					
1570	1,6-DIMETHYL-4-ISOPROPYL TETRALIN									T																					
1571	2-ETHYL-1,3-DIMETHYL BENZENE									T																					
1572	2-(METHYLTHIO) BENZOTHIAZOLE									T																					
1573	NONANAL									T																					
1574	INDAN									T																					
1575	(3-METHYL-2-BUTENYL)BENZENE									P				T																	
									T					P																	
									T																						

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1576	1,4-DIHYDRO-2,5,8-TRIMETHYLNAPHTHALENE	
1577	3,3,3-TRICHLORO-2-METHYLPROPENE	
1578	CYCLOHEPTANONE	
1579	BENZYLAMINE	
1580	4,7-DIMETHYL INDAN	
1581	BIS(CHLOROPHENYL)METHANE	
1582	CIS-4-PHENYLBICYCLOHEXYL	
1583	4-METHYLENECYCLOHEXANEMETHANOL	
1584	2,6,6-TRIMETHYL-BICYCLO[3.1.1]HEPTAN-3-O	
1585	3-BUTYL-1,2,4-CYCLOPENTANETRIONE	
1586	XSTYRENE GLYCOL	
1587	2-METHYL-5-UNDECANONE	
1588	(3,3-DIMETHYLCYCLOHEXYLIDENE)ACETALDEHYD	
1589	1,2,3,4-TETRAMETHYL BENZENE	
1590	1-ETHYL-1-METHYL INDAN	
1591	1-CHLOROTETRADECANE	
1592	1,1-DIPHENYLCYCLOHEXANE	
1593	BICYCLO[2.2.2]OCTANE-1,4-DIOL, MONOACETA	
1594	METHYL 3-HYDROXYPHENYLACETATE	
1595	X2-METHYL ANTHRACENE	
1596	2-(PHENYLMETHYL) NAPHTHALENE	
1597	PHENYL P-PYRIDYL KETONE	
1598	DODECYL PHENOL	
1599	FLUOROIODOBENZENE (ISOMER UNKNOWN)	
1600	3-METHYL-2-FURANONE	
1601	2-PHENYL UNDECANE	
1602	1,4,5-TRIMETHYL NAPHTHALENE	
1603	1-TETRADECENE	
1604	DIMETHYL ETHYL BENZENE	
1605	1-PHENYL-2-CYCLOPENTEN-1-OL	
1606	O-TOLUALDEHYDE	
1607	2,3-BIS(METHYLENE)-BICYCLO[3.2.1]OCTANE	
1608	2,2-DIMETHYLHEPTANE	
1609	1-IODOPENTANE	
1610	XINDENE	
1611	1,2-DIMETHYL INDENE	
1612	1,2-DIHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	
1613	X**82-CHLORONAPHTHALENE	
1614	1-ETHYL-3-METHYLCYCLOPENTANE	
1615	DIMETHYL ISOPROPYL BENZENE	
1616	4,6-DIISOPROPYL-M-XYLENE	
1617	7-METHYLBENZOFURAN	
1618	TRICHLOROHEPTAFLUOROBUTANE	
1619	DIMETHYL ISOPROPYL BENZENE	
1620	1,2,3-TRIETHYLBENZENE	

(continued)

TABLE 22. (continued)

	COMMON NAME	POSITIVE OR TENTATIVE IDENTIFICATION
1621	XBENZYL CHLORIDE	
1622	4-METHYLSTYRENE	
1623	2-PHENYLHEXANE	P
1624	1,4,6-TRIMETHYL TETRALIN	T
1625	4-ISOPROPYL-ALPHA-METHYL STYRENE	T
1626	M-TERPHENYL	T
1627	DECAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL	T
1628	1-CHLORO-4-(1-CHLOROETHENYL)CYCLOHEXENE	T
1629	2,4,6-TRIMETHYLBIPHENYL	T
1630	4-PHENYLBICYCLOHEXYL	T
1631	(1,1#-BICYCLOPENTYL)-2-ONE	T
1632	O-TERT-BUTYLPHENOL	T
1633	P-(1-ETHYL-1-METHYLHEXYL)PHENOL (A NONY	T
1634	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL	T
1635	ETHYL NONADECANOATE	T
1636	DIBROMOPHENOL	T
1637	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL	T P
1638	1,2-CYCLOHEXANEDIOL	T
1639	BUTYL THIAZOLE	T
1640	2-HYDROXY-5-ISOPROPYL-2,4,6-CYCLOHEPTATR	T
1641	O-NITROTOLUENE	T P

TABLE 23. COMBINED LISTINGS OF IDENTIFIED COMPOUNDS FOUND IN BOTH DW AND AWT CONCENTRATES, SHOWING MOLECULAR WEIGHT AND MOLECULAR FORMULA

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1	2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID	882097	C10. H11. O3 .CL1	
2	X+$1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	84742	C16. H22. O4	214
3	2-(2-BUTOXYETHOXY)ETHANOL	112345	C8 . H18. O3	278
4	2-(4-METHOXYBUTOXY)-1-(2-BUTOXYETHOXY)ETHANE	1002	C13. H28. O4	162
5	2-(2-METHOXYBUTOXY)-1-(2-BUTOXYETHOXY)ETHANE	1003	C13. H28. O4	248
6	X+$BIS(2-ETHYLHEXYL) PHTHALATE	117840	C24. H38. O4	232
7	1-(2-BUTOXYETHOXY)ETHANOL	54446785	C6 . H18. O3	398
8	XTRIS-B-CHLOROETHYL PHOSPHATE	115968	C6 . H12. O4 .CL3 . P1	162
9	X+NAPHTHALENE	91203	C10. H8	284
10	2-ETHYL-1,1#-BIPHENYL	1812517	C14. H14	128
11	XHEXADECANOIC ACID	57103	C16. H32. O2	182
12	X1-BUTANOL	71363	C4 . H10. O1	256
13	2-HYDROXY-2-METHYLPROPANOIC ACID	594616	C4 . H8 . O3	74
14	CIS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	41654095	C7 . H10. O4	104
15	1-(1-METHYLPROPOXY)-2-PROPANOL	53907952	C7 . H16. O2	158
16	2-(2-(2-BUTOXYETHOXY)ETHOXY)-ETHANOL	143226	C10. H22. O4	132
17	DIOCTYLESTER HEXANEDIOIC ACID	123795	C22. H42. O4	206
18	XHEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	103231	C22. H42. O4	370
19	X$1,1,2,2-TETRACHLOROETHANE	79345	C2 . H2 .CL4	370
20	HEXANEDIOIC ACID,DIHEXYL ESTER	110388	C18. H34. O4	166
21	XBENZOIC ACID METHYL ESTER	93583	C8 . H8 . O2	314
22	XOCTADECANOIC ACID	57114	C18. H36. O2	136
23	BUTOXYETHOXY ETHANOL	431	C8 . H18. O3	284
24	OIISOOCTYLPHTHALATE	27554263	C24. H38. O4	162
25	$1,2-BENZENEDICARBOXYLIC ACID, 2-BUTOXYETHYLBUTYL ESTER	33374286	C18. H26. O5	390
26	$1,2-BENZENEDICARBOXYLIC ACID, BUTYL METHYL ESTER	34006763	C13. H16. O4	322
27	2-(2-(2-(1,1-DIMETHYLETHOXY)ETHOXY)ETHOXY)ETHANE	29681207	C10. H22. O4	236
28	XCYCLOHEXANOL	108930	C6 . H12. O1	206
29	X1,2-BENZENEDICARBOXYLIC ACID, MONOBUTYL ESTER	131704	C12. H14. O4	100
30	1,2 5,6-BIS-O-(1-METHYLETHYLIDENE)-BETA-D-TALOFURANOSE	23262795	C12. H20. O6	222
31	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUCTOPYRANOSE	20880937	C12. H20. O6	260
32	2,3-DIMETHYLMALEIC ACID	1124136	C6 . H8 . O4	260
33	1,3-ISOBENZOFURANDIONE	85449	C8 . H4 . O3	144
34	XCYCLOHEXANONE	108941	C6 . H10. O1	148
35	XBENZOIC ACID	65850	C7 . H5 . O2	98
36	XTETRADECANOIC ACID	544638	C14. H28. O2	122
37	PENTADECANOIC ACID	1002842	C15. H30. O2	228
38	X$1,2-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL)ESTER	84695	C16. H22. O4	242
39	TRANS-2-METHYLCYCLOPENTANOL	25144041	C6 . H12. O1	278
40	2-METHYLBUTANOIC ACID	116530	C5 . H10. O2	100
41	2,2,4,4-TETRAMETHYL PENTANOIC ACID	3302123	C9 . H18. O2	102
42	XBUTANOIC ACID	107926	C4 . H8 . O2	158
43	HEPTADECANOIC ACID	506127	C17. H34. O2	88
44	1,2-DIMETHOXYPROPANE	7778650	C5 . H12. O2	270
45	2-HEPTENE	592778	C7 . H14	104
				98

(continued

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
46	1,1-DICHLORO-2-PROPANONE	513882	C3 . H4 . O1 .CL2	
47	3-ETHYL-4-METHYL-2,5-FURANDIONE	3552338	C7 . H8 . O3	126
48	2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE	80717	C6 . H8 . O2	140
49	4-(HEXYLOXY)-1-BUTANOL	4541133	C10. H22. O2	112
50	6-BROMO-2-HEXANONE	10226296	C6 . H11. O1 .BR1	174
51	METHOXYPROPOXY PROPOXY PROPANOL	488	C10. H22. O4	178
52	METHOXYPROPOXY PROPOXY PROPANOL	401	C10. H22. O4	206
53	METHOXYPROPOXY PROPOXY PROPANOL	402	C10. H22. O4	206
54	METHOXYPROPOXY PROPOXY PROPANOL	403	C10. H22. O4	206
55	METHOXY PROPOXY PROPOXY PROPANOL	404	C10. H22. O4	206
56	XBROMODICHLOROMETHANE	75274	C1 . H1 .BR1 .CL2	206
57	XTRIBROMOMETHANE	75252	C1 . H1 .BR3	206
58	4-METHYL-2-PENTANOL	108112	C6 . H14. O1	162
59	X+$2,4,6-TRICHLOROPHENOL	88062	C6 . H3 . O1 .CL3	258
60	X+$1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	84662	C12. H14. O4	102
61	2,4,6-TRIBROMOPHENOL	2081	C6 . H3 . O1 .BR3	196
62	2,3-DICHLORO-2-METHYLBUTANE	507459	C5 . H10.CL2	222
63	X9,10-ANTHRACENEDIONE	84651	C14. H8 . O2	328
64	7,7-DIMETHYL-2-OXOBICYCLO[2.2.1]HEPTONE-1-METHANE SULFONIC ACID	3144159	C10. H16. O4 . S1	140
65	3-METHOXY-3-METHYL-2-BUTANONE	36587986	C6 . H12. O2	288
66	4-HEXEN-3-ONE	2497214	C6 . H10. O1	232
67	X1,2,3-TRICHLOROPROPANE	98184	C3 . H5 .CL3	116
68	1-METHOXY-2-PROPANOL	107982	C4 . H10. O2	98
69	3-HEXANOL	623370	C6 . H14. O1	146
70	X2-HYDROXYBENZOIC ACID	69727	C7 . H5 . O3	90
71	XOCTANOIC ACID	124072	C8 . H16. O2	102
72	XBENZENE ACETIC ACID	103822	C8 . H9 . O2	138
73	~~CIS-2,3-DIMETHYLBUTENEDIOIC ACID~~ SEE NO. 32	~~488211~~	~~C6 . H8 . O4~~	144
74	XNONANOIC ACID	112058	C9 . H18. O2	144
75	1,3,5-TRIMETHYL-1,3,5-TRIAZINE-2,4,6-TRIONE	827167	C6 . H9 . N3 . O3	158
76	X2-HEXANONE	591786	C6 . H12. O1	171
77	1-(2-(2-METHOXY-1-METHYLETHOXY)-1-METHYLETHOXY)-2-PROPANOL	20324338	C10. H22. O4	100
78	METHOXY PROPOXY PROPOXY PROPANOL	486	C10. H22. O4	206
79	METHOXY PROPOXY PROPOXY PROPANOL	485	C10. H22. O4	206
80	2-PENTANOL	6832297	C5 . H12. O2	206
81	3-PENTEN-2-OL	1569502	C5 . H10. O1	88
82	BUTANOIC ACID, 1-METHYLPROPYL ESTER	819976	C8 . H16. O2	86
83	2-ETHYLHEXANOIC ACID	149575	C8 . H16. O2	144
84	XDECANOIC ACID	334485	C10. H20. O2	144
85	TRANS-9-OCTADECENOIC ACID	112798	C18. H34. O2	172
86	P-PHENYLACETOPHENONE	496	C14. H12. O1	282
87	CIS-9-HEXADECENOIC ACID	2891294	C16. H30. O2	196
88	X$1,2-BENZENEDICARBOXYLIC ACID, DICYCLOHEXYL ESTER	84617	C20. H26. O4	254
89	X+$1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	117817	C24. H38. O4	330
90	2,4-DICHLOROBENZOIC ACID	50840	C7 . H4 . O2 .CL2	390
				190

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
91	%1,2-BENZENEDICARBOXYLIC ACID	88993	C8 . H6 . O4	
92	N-BUTYLBENZENESULFONAMIDE	3622842	C10. H15. N1 . O2 . S1	166
93	%DODECANOIC ACID	143877	C12. H24. O2	213
94	%HEPTANOIC ACID	111148	C7 . H14. O2	200
95	%3-ETHYL-4-METHYL-2,5-PYRROLIDINEDIONE	77678	C7 . H11. N1 . O2	130
96	OCTANEDIOIC ACID	505486	C8 . H14. O4	141
97	2-CHLOROBENZOIC ACID	118912	C7 . H5 . O2 .CL1	174
98	4-METHYL-2-OXOPENTANOIC ACID	816660	C6 . H10. O3	156
99	%9-OCTADECENOIC ACID	112801	C18. H34. O2	138
100	DIHYDRO-5,5-DIMETHYL-2(3H)-FURANONE	3123975	C6 . H10. O2	282
101	3-ETHYLHEXANOIC ACID	41865912	C8 . H16. O2	114
102	2,4,5-TRIMETHYLBENZOIC ACID	528905	C10. H12. O2	144
103	$1,2-BENZENEDICARBOXYLIC ACID, BUTYL 2-METHYLPROPYL ESTER	17851535	C16. H22. O4	164
104	(2-(2-METHOXYMETHYLETHOXY)METHYLETHOXY)PROPANOL	25498491	C18. H22. O4	278
105	DECANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	122623	C26. H50. O4	206
106	TETRAHYDRO-2-METHYL-2-FURANOL	7326467	C5 . H10. O2	426
107	%5-ETHYL-5-PHENYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	50866	C12. H12. N2 . O3	102
108	2-ETHYL-OCTANEDIOIC ACID	3971333	C10. H18. O4	232
109	4-(1,1-DIMETHYLETHYL)PHENOXYACETIC ACID	1798845	C12. H16. O3	202
110	BUTANOIC ACID,BUTYL ESTER	109217	C8 . H16. O2	208
111	DIHYDRO-3,5-DIMETHYL-2(3H)-FURANONE	5145817	C6 . H10. O2	144
112	(4-(1,1-DIMETHYLETHYL)PHENOXY)-METHANOL ACETATE	54869984	C13. H18. O3	114
113	1-ETHENYL-3,5-DIMETHYLBENZENE	5379204	C10. H12	222
114	$1,2-BENZENEDICARBOXYLIC ACID, ETHYL METHYL ESTER	34006774	C11. H12. O4	132
115	METHOXYBUTANOIC ACID, BUTYL ESTER	1818	C9 . H16. O3	208
116	~~2-METHYLHEPTANE~~	~~592276~~	~~C8 . H18~~	~~174~~
117	%2-PENTANONE	107879	C5 . H10. O1	86
118	3,7-DIMETHYL-6-OCTENOIC ACID	2086	C10. H18. O2	170
119	TRIS(CHLOROPROPYL)PHOSPHATE	995	C9 . H18. O4 .CL3 . P1	326
120	%1-(4-ETHYLPHENYL)ETHANONE	937304	C10. H12. O1	148
121	1,2,3,4,4A,9,10,10A-OCTAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL)-1-PHENANTHRENEC	5155704	C20. H28. O2	300
122	3,4-DIETHYL-1,1#-BIPHENYL	611416668	C16. H18	218
123	1-METHYL-1H-INDENE	767599	C10. H10	130
124	%$METHYLBENZENE	108883	C7 . H8	92
125	3-METHYLBUTANOIC ACID	503742	C5 . H10. O2	102
126	2,4-DIMETHYL BENZOIC ACID	611018	C9 . H10. O2	150
127	3-PENTEN-2-ONE	625332	C5 . H8 . O1	84
128	METHYLCYCLOHEXANE	108872	C7 . H14	98
129	%1-PHENYLETHANONE	98862	C8 . H8 . O1	120
130	6-METHYL-5-HEPTEN-2-ONE	110930	C8 . H14. O1	126
131	2-ETHYL-1-HEXANOL	104767	C8 . H18. O1	130
132	1-(2-ETHYLPHENYL)ETHANONE	2142645	C10. H12. O1	148
133	3-METHYLBENZOIC ACID	99047	C8 . H8 . O2	136
134	4-METHYLBENZOIC ACID	99945	C8 . H8 . O2	136
135	+3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	78591	C9 . H14. O1	138

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
136	2,6-DIMETHYLBENZOIC ACID	632462	C9 . H10. O2	150
137	1,5-HEPTADIENE-3,4-DIOL	51945983	C7 . H12. O2	128
138	3-METHYL-2-BUTEN-1-OL	556821	C5 . H10. O1	86
139	(2,4-DIHYDROXYPHENYL)PHENYLMETHANONE	131566	C13. H10. O3	214
140	XTRIBUTYL PHOSPHATE	126738	C12. H27. O4 . P1	266
141	XNONANEDIOIC ACID	123999	C9 . H16. O4	188
142	2-CYCLOPENTEN-1-ONE	930303	C5 . H6 . O1	82
143	HEXANEDINITRILE	111693	C6 . H8 . N2	108
144	X6-CHLORO-N-ETHYL-N#-(1-METHYLETHYL)-1,3,5-TRIAZINE-2,4-DIAMINE	1912249	C8 . H14. N5 .CL1	215
145	1H-IMIDAZOLE-2-CARBOXALDEHYDE	10111087	C4 . H4 . N2 . O1	96
146	X1-OCTANOL	111875	C8 . H18. O1	130
147	CIS-2-METHYLCYCLOPENTANOL	25144052	C6 . H12. O1	100
148	XPENTANOIC ACID	109524	C5 . H10. O2	102
149	XDICHLOROACETIC ACID	79436	C2 . H2 . O2 .CL2	128
150	XPHOSPHORIC ACID, TRIETHYLESTER	78400	C6 . H15. O4 . P1	182
151	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	15356748	C11. H16. O2	180
152	3-METHYL-2-BUTENOIC ACID	541479	C5 . H8 . O2	100
153	3-METHOXYPENTANE	36839675	C6 . H14. O1	102
154	6-METHYL-2-HEPTANONE	928687	C8 . H16. O1	128
155	X1-PROPANOL	71238	C3 . H8 . O1	60
156	2,2-DIETHYL-1,3-PROPANEDIOL	115764	C7 . H16. O2	132
157	1-CHLOROPENTANE	543599	C5 . H11.CL1	106
158	3,5-DIMETHYLCYCLOHEXANOL	5441521	C8 . H16. O1	128
159	1-METHYL-3-CYCLOHEXEN-1-OL	33861164	C7 . H12. O1	112
160	FORMIC ACID, CYCLOHEXYL ESTER	4351546	C7 . H12. O2	128
161	1,1,1-TRICHLORO-2-PROPANONE	918003	C3 . H3 . O1 .CL3	160
162	X2-CHLORO-1,1-DIETHOXYETHANE	621625	C6 . H13. O2 .CL1	152
163	X3,6-DICHLORO-2-METHOXYBENZOIC ACID	1918009	C8 . H5 . O3 .CL2	220
164	X2-METHYLPROPANOIC ACID	79312	C4 . H8 . O2	88
165	2-METHYL-2,4-PENTANEDIOL	107415	C6 . H14. O2	118
166	2-METHYL-3-BUTEN-2-OL	115184	C5 . H10. O1	86
167	2-BUTOXYETHANOL	111762	C6 . H14. O2	118
168	XBENZALDEHYDE	100527	C7 . H5 . O1	106
169	METHOXY PROPOXY PROPANOL	425	C7 . H16. O3	148
~~170~~	~~XDECANE~~	~~124185~~	~~C10. H22~~	~~142~~
171	3,3,3-TRICHLORO-1-PROPENE	2233083	C3 . H3 .CL3	144
172	TRANS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	28098808	C7 . H10. O4	158
173	2-HYDROXYPROPANOIC ACID, ETHYL ESTER	97643	C5 . H10. O3	118
174	1,1'-(1,4-PHENYLENE)BIS-ETHANONE	1009616	C10. H10. O2	162
175	3-HYDROXYBUTANAL	107891	C4 . H8 . O2	88
176	X1-(ETHENYLOXY)BUTANE	111342	C6 . H12. O1	100
177	2,4-DIHYDROXY-6-PROPYLBENZOIC ACID	4707588	C10. H12. O4	196
178	2,3-DIHYDROXY-4-(1-METHYLETHYL)BENZOIC ACID	19420612	C10. H12. O4	196
179	3-HEXANONE	589388	C6 . H12. O1	100
180	2,5-HEXANEDIOL	2935446	C6 . H14. O2	118

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
181	TETRAHYDRO-1,1-DIOXIDE THIOPHENE	126330	C4 . H8 . O2 . S1	120
182	2-[2-(2-ETHOXYETHOXY)ETHOXY]ETHANOL	112505	C8 . H18. O4	178
183	TETRADECANOIC ACID, METHYL ESTER	124107	C15. H30. O2	242
184	OCTADECANOIC ACID, METHYL ESTER	112618	C19. H38. O2	298
185 X*	$ETHENYLBENZENE	108425	C8 . H8	104
186	1,3-DIETHYL BENZENE	141935	C10. H14	134
187	1,4-DIETHYL BENZENE	105055	C10. H14	134
188	1,2-DIETHYL BENZENE	135013	C10. H14	134
189	HEXADECANOIC ACID, ETHYL ESTER	628977	C18. H36. O2	284
190	3,5-DIMETHYL BENZOIC ACID, METHYL ESTER	25881394	C10. H12. O2	164
191	2-METHOXY-3-METHYL-2-BUTENOIC ACID	58973185	C6 . H10. O3	130
192	%DIBROMOCHLOROMETHANE	124481	C1 . H1 .BR2 .CL1	206
193	2-CYCLOHEXEN-1-ONE	930687	C6 . H8 . O1	96
194	2,3,5,6-TETRACHLORO-1,4-BENZENEDICARBOXYLIC ACID	2136790	C8 . H2 . O4 .CL4	302
195 X	$1,3-DIMETHYLBENZENE	108383	C8 . H10	106
196	%3-CHLORO-2-METHYL-1-PROPENE	563473	C4 . H7	90
197 X*	$1,2-DICHLORO BENZENE	95501	C6 . H4 .CL2	146
198X**	$1,1,2,3,4,4-HEXACHLORO-1,3-BUTADIENE	87683	C4 .CL6	258
199	1-METHYL-4-(METHYLSULFONYL)BENZENE	3185997	C8 . H10. O2 . S1	170
200	1,1,3,3-TETRAMETHYL-2-INDANONE	5689123	C13. H16. O1	188
201	2,3-DIMETHYL-2-BUTANOL	594685	C6 . H14. O1	102
202	METHYL HEPTANOATE	106730	C8 . H16. O2	144
203	BENZENEACETIC ACID,METHYL ESTER	101417	C9 . H10. O2	150
204	DI-(2-BROMOETHYL)ETHER	5414197	C4 . H8 . O1 .BR2	230
205	1-ISOCYANO-4-METHYLBENZENE	7175475	C8 . H7 . N1	117
206	SULFONYLBIS(4-CHLOROBENZENE)	80879	C12. H9 . O2 .CL2 . S1	286
207	2-ETHYL-4-METHYL-1-PENTANOL	106672	C8 . H16. O1	130
208	3-METHYLCYCLOPENTANONE	1757422	C6 . H10. O1	98
209	%HEXANOIC ACID	142621	C6 . H12. O2	116
210 X*	$PHENOL	108952	C6 . H5 . O1	94
211	2,3,3-TRICHLORO-2-PROPENOIC ACID	2257354	C3 . H1 . O2 .CL3	174
212	2-HYDROXY-1H-ISOINDOLE-1,3(2H)-DIONE	524389	C8 . H5 . N1 . O3	163
213	1-ETHOXY-1-METHOXYETHANE	10471144	C5 . H12. O2	104
214	1,1-DIMETHOXYPROPANE	4744189	C5 . H12. O2	104
215	~~3,4-DIMETHYLBUT-2-ENE-1,4-DIOIC ACID~~ SEE NO. 32	~~25743376~~	~~C6 . H8 . O4~~	~~144~~
216	BENZOIC ACID, 1-METHYLETHYLESTER	939480	C10. H12. O2	164
217	BENZOTHIAZOLE	95169	C7 . H5 . N1 . S1	135
218	1,1-BIS(4-ETHYLPHENYL)ETHANE	10224916	C16. H22	238
219	HEXANEDIOIC ACID,DIHEXYL ESTER	110338	C18. H34. O4	314
220 X*	$1,2-BENZENEDICARBOXYLIC ACID, BUTYL PHENYLMETHYL ESTER	85687	C19. H20. O4	312
221	1-ETHENYL-4-ETHYLBENZENE	3454877	C10. H12	132
222	X1,1'-(1,2-ETHENEDIYL)BIS-BENZENE (CIS OR TRANS, SEE NO. 315)	588590	C14. H12	180
223	ISOPENTADECANOIC ACID	544	C15. H30. O2	242
224X**	$PENTACHLOROPHENOL	87865	C6 . H1 . O1 .CL5	264
225	2-HYDROXY DECANOIC ACID	5393817	C10. H20. O3	188

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
226	X3-METHYLPHENOL	108394	C7 . H8 . O1	108
227	3,4-DICHLOROBENZOIC ACID	51445	C7 . H4 . O2 .CL2	190
228	2-HEPTENYLBENZENE	26447632	C13. H18	174
229	X2-METHYLNAPHTHALENE	91576	C11. H10	142
230	X1,1*-BIPHENYL	92524	C12. H10	154
231	2-METHYL-1,1*-BIPHENYL	643583	C13. H12	168
232	3,4*-DIMETHYL-1,1*-BIPHENYL	7383906	C14. H14	182
233	X2,3-DIPHENYLOXIRANE	17619975	C14. H12. O1	196
234	1,1-BIS(3-ETHYLPHENYL)ETHANE	1027	C18. H22	238
235	12-METHYLTETRADECANOIC ACID	5502943	C15. H30. O2	242
236	X1-CYCLOPROPYLETHANONE	765435	C5 . H8 . O1	84
237	2-METHYLCYCLOPENTANOL	24070777	C6 . H12. O1	100
238	1-HEPTADECANOL	1454859	C17. H36. O1	256
239	X*84-CHLOROPHENOL	106489	C6 . H5 . O1 .CL1	128
240	2,3-DIMETHYLBENZOIC ACID	603792	C9 . H10. O2	150
241	PHENOXY ACETIC ACID	122598	C8 . H8 . O3	152
242	X1,4-DIOXANE	123911	C4 . H8 . O2	88
243	X*(2,4-DICHLOROPHENOXY)ACETIC ACID	94757	C8 . H6 . O3 .CL2	220
244	2-(2-HYDROXYPROPOXY)-1-PROPANOL	106627	C6 . H14. O3	134
245	CYCLIC TETRAMETHYLENE ADIPATE	777957	C10. H16. O4	200
246	1-CYCLOPENTYLETHANONE	6004600	C7 . H12. O1	112
247	2-HEPTANONE	110430	C7 . H14. O1	114
248	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1009	C7 . H12. O3	144
249	2,4,6-TRIMETHYLBENZOIC ACID	480637	C10. H12. O2	164
250	2-METHYL BENZOIC ACID	118901	C8 . H8 . O2	136
251	ALPHA-METHYLBENZENEACETIC ACID	492375	C9 . H10. O2	150
252	X3-PHENYLPROPIONIC ACID	501520	C9 . H10. O2	150
253	3,4-DIMETHYLBENZOIC ACID	619045	C9 . H10. O2	150
254	2,5-DIMETHYLBENZOIC ACID	610720	C9 . H10. O2	150
255	3-METHYL-2-HEPTANOL	31367461	C8 . H18. O1	130
256	XBENZENEMETHANOL	100516	C7 . H8 . O1	108
257	BIS(2-ETHOXYETHYL)ETHER	112367	C8 . H18. O3	162
258	X*2-CHLORO-BENZENEAMINE	95512	C6 . H5 . N1 .CL1	127
259	3,3-DIMETHYL BUTANOIC ACID	1070833	C6 . H12. O2	116
260	X1,2-BENZISOTHIAZOL-3(2H)-ONE-1,1-DIOXIDE	81072	C7 . H5 . N1 . O3 . S1	183
261	2-ETHYL BUTANOIC ACID	88095	C6 . H12. O2	116
262	2,2-DIMETHYL-3-(2-METHYLPROPENYL)CYCLOPR[illegible]NECARBOXYLIC ACID	10453891	C10. H16. O2	168
263	X5-ETHYL-5-(1-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	76744	C11. H18. N2 . O3	226
264	TRANS-9-HEXADECENOIC ACID	373499	C16. H30. O2	254
265	2-PHENYL BUTANOIC ACID	90277	C10. H12. O2	164
266	1(3H)-ISOBENZOFURANONE	87412	C8 . H8 . O2	134
267	2-HEXANOL	626937	C6 . H14. O1	102
268	3-[3-(3-METHOXYPROPOXY)PROPOXY]-1-PROPANOL	13133294	C10. H22. O4	206
269	2-(2-METHOXYPROPOXY)-1-PROPANOL	13588288	C7 . H16. O3	148
270	XUNDECANOIC ACID	112378	C11. H22. O2	186

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
271	7-OCTEN-2-ONE	3664686	C8 . H14. O1	126
272	~~TETRACHLOROMETHANE~~	~~67663~~	~~C1 . CL4~~	~~154~~
273	X,ALPHA.-METHYL-BENZENEMETHANOL	98851	C8 . H10. O1	122
274	NONANEDIOIC ACID, BIS(2-ETHYLHEXYL)ESTER	103242	C25. H48. O4	412
275	3-METHOXY-1,2-BENZISOTHIAZOLE	40991386	C8 . H7 . N1 . O1 . S1	165
276	2-METHYL-3-HEXENOIC ACID	62243576	C7 . H12. O2	128
277	5-PHENYL PENTANOIC ACID	2278204	C11. H14. O2	178
278	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID	2044000	C6 . H8 . O5	160
279	XACETIC ACID, ETHYL ESTER	141786	C4 . H8 . O2	88
280	X4-METHYL-2-PENTANONE	108101	C6 . H12. O1	100
281	BUTYL ESTER-ACETIC ACID	123864	C6 . H12. O2	116
282	BUTANOIC ACID, 4-ETHOXYBUTYL ESTER	33931689	C10. H20. O3	188
283	*PHOSPHORIC ACID, TRIS-METHYLPHENYL ESTER (ISOMER UNKNOWN)	1338785	C21. H21. O4 . P1	368
284	$3-CHLOROPHENOL	108430	C6 . H5 . O1 .CL1	128
285	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECARBOXYLIC ACID	38963916	C15. H26. O3	254
286	1,2-BENZISOTHIAZOL-3(2H)-ONE	2634335	C7 . H5 . N1 . O1 . S1	151
287	5,5-DIETHYL-1,3-DIMETHYL-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	77781	C10. H16. N2 . O3	212
288	1-PHENYL-1,2,3-PROPANETRIOL	16354953	C9 . H12. O3	168
289	N,N-DIMETHYLHEPTANAMIDE	1115964	C9 . H19. N1 . O1	157
290	X1,1,1-TRICHLOROETHANE	71556	C2 . H3 .CL3	132
291	2,2-DIMETHYL-1-BUTANOL	1185337	C6 . H14. O1	102
292	~~CYCLOHEPTANE~~	~~291649~~	~~C7 . H14~~	~~98~~
293	2-(1,1-DIMETHYLETHYL)CYCLOHEXANOL	13491797	C10. H20. O1	156
294	X1,4-BUTANEDICARBOXYLIC ACID	124049	C6 . H10. O4	146
295	2,2-DIMETHYLPENTANOIC ACID	1185393	C7 . H14. O2	130
296	CYCLOPENTANEACETIC ACID, ETHENYL ESTER	45955666	C9 . H14. O2	154
297	(2,5-DIMETHYLBENZENE)BUTANOIC ACID	1453861	C13. H18. O2	192
298	XEICOSANOIC ACID	506309	C20. H40. O2	312
299	2-[2-(2-METHOXYPROPOXY)PROPOXY]-1-PROPANOL	10213771	C10. H22. O4	206
300	X4-METHOXY-T-BUTYL PHENOL	25013165	C11. H16. O2	180
301	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL	6967708	C10. H15. N1 . O2	181
302	1-[(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)OXY]-1-BUTANOL ACETATE	254	C15. H26. O3	254
303	ANTEISOHEPTADECANOIC ACID	457	C17. H34. O2	270
304	TETRAETHYLENE GLYCOL MONOBUTYL ETHER	218	C12. H26. O3	218
305	8,11-OCTADECADIENOIC ACID	2197526	C18. H32. O2	280
306	LIGNOCERIC ACID	557595	C24. H48. O2	368
307	1-TETRADECANOL	112721	C14. H30. O1	214
308	3-METHOXY-2-BUTANOL	53778720	C5 . H12. O2	104
309	1,5-BIS(T-BUTYL)-3,3-DIMETHYL BICYCLO(3.1.0)HEXAN-2-ONE	1977958	C16. H28. O1	236
310	8,11,14-OCTADECATRIENOIC ACID	4986916	C18. H30. O2	278
311	ACENAPHTHYLENE	208968	C12. H8	152
312	PIPERIDINOL	6859998	C5 . H11. N1 . O1	101
313	3-PENTANOL	584021	C5 . H12. O2	88
314	2,3-DIHYDRO-4-METHYLFURAN	34314835	C5 . H8 . O1	84
315	ETHYLBENZALDEHYDE (ISOMER UNKNOWN)	53951501	C9 . H10. O1	134

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
316	1-(2,3-DIMETHYLPHENYL)ETHANONE	2142714	C10. H12. O1	
317	1-ETHENYL-3-ETHYLBENZENE	7525624	C10. H12	148
318	TETRADECANOIC ACID, ETHYL ESTER	124061	C16. H32. O2	132
319	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	1888886	C12. H22	256
320	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	93765	C8 . H5 . O3 .CL3	166
321	3,4-DIMETHYL-2,5-FURANDIONE	766392	C6 . H6 . O3	254
322	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26137531	C16. H18	126
323	2-(2-ETHOXYETHOXY)ETHANOL	111900	C6 . H14. O3	210
324	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE	28189428	C7 . H9 . N1 . O2	134
325	2,3-DIMETHYLMALEIMIDE	17825864	C6 . H7 . N1 . O2	139
326	5,6-DIMETHYL-1-INDANONE	16648974	C11. H12. O1	125
327	4A,5,6,7,8,8A-HEXAHYDRO-4A,8A-DIMETHYL-2(1H)-NAPHTHALENONE,CIS-	13485668	C12. H18. O1	160
328	X2-METHYLPHENOL	95487	C7 . H8 . O1	178
329	DIHYDRO-4,4-DIMETHYL-2(3H)-FURANONE	13861977	C6 . H10. O2	108
330	3-METHYL-3-PENTANOL	77747	C5 . H14. O1	114
331	2,5-HEXANEDIONE	110134	C6 . H10. O2	102
332	3,4-DIMETHOXYBENZOIC ACID	93872	C9 . H10. O4	114
333	X1-METHYLNAPHTHALENE	90120	C11. H10	182
334	(1-NITROPROPYL)BENZENE	5279141	C9 . H11. N1 . O2	142
335	2,5-DIMETHYLBENZALDEHYDE	5779942	C9 . H10. O1	165
336	3-METHYLBIPHENYL	643936	C13. H12	134
337	DODECANOIC ACID, ETHYL ESTER	106332	C14. H28. O2	168
338	2,3-DIHYDRO-2-ETHYL-1H-INDENE	56147638	C11. H14	228
339	1,2,3,4-TETRAHYDRO-2,2,5,7-TETRAMETHYLNAPHTHALENE	23342258	C14. H20	146
340	1-PHENYL-2-PROPANONE	103797	C9 . H10. O1	188
341	3,5-DIMETHYL BENZOIC ACID	499069	C9 . H10. O2	134
342	2,6-DIMETHYL-4-HEPTANONE	108838	C9 . H18. O1	150
343	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	28547993	C9 . H14. O2	142
344	5-METHYL-2-HEPTANOL	54638581	C8 . H16. O1	154
345	4-METHYL-PENTANOIC ACID	646071	C6 . H12. O2	130
346	CYCLOHEXANECARBOXYLIC ACID	98895	C7 . H12. O2	116
347	XALPHA,ALPHA-DIMETHYLBENZENEMETHANOL	617947	C9 . H12. O1	128
348	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	20324327	C7 . H16. O3	136
349	4-METHYLHEXANOIC ACID	1561111	C7 . H14. O2	148
350	3-METHYLPENTANAL	15877573	C6 . H12. O1	130
351	~~(3-METHYLPROPYL)CYCLOHEXANE~~	~~1678984~~	~~C10. H20~~	~~140~~
352	2,2-DIMETHYL-1-PENTANOL	2378129	C7 . H16. O1	116
353	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	55956224	C7 . H16. O3	148
354	1-(ETHENYLOXY)HEXANE	5363644	C8 . H16. O1	128
355	1,3,3-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-OL	1632731	C10. H18. O1	154
356	X5-METHYL-2-(1-METHYLETHYL)-CYCLOHEXANOL	89781	C10. H20. O1	156
357	1-(TRIMETHYLOXIRANYL)ETHANONE	15120997	C7 . H12. O2	128
358	XENDO-1,7,7-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-OL	507708	C10. H18. O1	154
359	1,2 3,5-BIS-O-(1-METHYLETHYLIDENE)-ALPHA-D-XYLOFURANOSE	28881843	C11. H18. O5	230
360	4-NONANOL	5932796	C9 . H20. O1	144

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
361	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL)-1(2H)-NAPHTHALENONE	55332020	C15. H26. O1	222
362	NONADECANOL	52783434	C19. H40. O1	284
363	4-METHOXYBENZOIC ACID	100094	C8 . H8 . O3	152
364	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	17092921	C11. H16. O2	180
365	1,3-DICHLORO-2-METHYLBUTANE	23010073	C5 . H10.CL2	140
366	METHOXY PROPOXY PROPANOL	426	C7 . H16. O3	148
367	5,5-DIMETHYL-2(5H)-FURANONE	20019641	C6 . H8 . O2	112
368	XTRICHLOROACETIC ACID	76039	C2 . H1 . O2 .CL3	162
369	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	711	C8 . H6 . O3 .CL2	220
370	2,2-DIMETHYLPROPANOIC ACID	75989	C5 . H10. O2	102
371	3-CHLOROCYCLOPENTENE	96402	C5 . H7 .CL1	102
372	6-(ACETYLOXY)-2-HEXANONE	4305264	C8 . H14. O3	158
373	6,7-DODECANEDIONE	13757909	C12. H22. O2	198
374	PHOSPHORIC ACID, DIETHYL PENTYL ESTER	20195088	C9 . H21. O4 . P1	224
375	7-TRIDECANONE	462180	C13. H26. O1	198
376	X1-DODECANOL	112538	C12. H26. O1	186
377	N,N,4-TRIMETHYLBENZENESULFONAMIDE	599699	C9 . H15. N1 . O2	199
378	1-METHYLETHYL HYDROPEROXIDE	3831752	C3 . H8 . O2	76
379	3,4-EPOXY-2-HEXANONE	17257817	C6 . H10. O2	114
380	X+$1,2-BENZENEDICARBOXYLIC ACID, DIHEXYL ESTER	84753	C20. H38. O4	334
381	4-OXO-PENTANOIC ACID	123762	C5 . H8 . O3	116
382	1-HEPTEN-4-OL	3521913	C7 . H14. O1	114
383	2-METHYL-1-PENTEN-3-OL	2088675	C6 . H12. O1	100
384	N,N-DIETHYFORMAMIDE	617845	C5 . H11. N1 . O1	101
385	2-METHYL-2-HEPTANOL	625252	C8 . H18. O1	130
386	3,5-DIMETHOXYPHENOL	508992	C8 . H10. O3	154
387	X5-ETHYL-5-(3-METHYLBUTYL)-2,4,6(1H,3H,5H)-PYRIMIDINETRIONE	57432	C11. H18. N2 . O3	226
388	C15-6-OCTADECENOIC ACID	593395	C18. H34. O2	282
389	XBROMOCYCLOHEXANE	108850	C6 . H11.BR1	162
390	5-METHYL-3-HEXANOL	623552	C7 . H16. O1	116
391	2-METHYL-2-BUTEN-1-OL	4675870	C5 . H10. O1	86
392	5-ETHYL-2-HEPTANOL	19780406	C9 . H20. O1	144
393	3-METHOXY-1,3,4-HEXATRIENE	53783883	C7 . H10. O1	110
394	2-METHYL-2-(2-METHYLPROPYL)OXIRANE	53897317	C7 . H14. O1	114
395	1-METHYLHEXYLHYDROPEROXIDE	762469	C7 . H16. O2	132
396	2-BUTYL-3-METHYLOXIRANE	14925963	C7 . H14. O1	114
397	2-METHOXY-4-METHYL-2-PENTENOIC ACID, METHYL ESTER	56009360	C8 . H14. O3	158
398	2,3,4-TRIMETHYL-3-PENTANOL	3054920	C8 . H18. O1	130
399	1-ISOCYANONAPHTHALENE	1984049	C11. H7 . N1	153
400	N-(1,1-DIMETHYLETHYL)-3-METHYLBENZAMIDE	42498339	C12. H17. N1 . O1	191
401	4,5-DIETHYL-2,3-DIHYDRO-2,3-DIMETHYLFURAN	54244892	C10. H18. O1	154
402	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE	5463503	C10. H8 . O3	176
403	2,5-DIMETHYL-2-HEXANOL	3730607	C8 . H18. O1	130
404	PROPYLOXIRANE	1003141	C5 . H10. O1	86
405	XACETIC ACID, CYCLOHEXYL ESTER	522457	C8 . H14. O2	142

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
406	X(ETHOXYMETHYL)OXIRANE	4016119	C5 . H10. O2	102
407	4-HEPTANONE	123193	C7 . H14. O1	114
408	4,6-DIMETHYL OCTANOIC ACID	2553960	C10. H20. O2	172
409	ACETIC ACID, 2-METHYL PHENYL ESTER	533186	C9 . H10. O2	150
410	3-HYDROXYNONANOIC ACID	33796871	C9 . H18. O3	174
411	X2,4-DIMETHOXYBENZOIC ACID	91521	C9 . H10. O4	182
412	P-ETHYLBENZOIC ACID	519647	C9 . H10. O2	150
413	4-HYDROXY-4-METHYLCYCLOHEXANONE	17429826	C7 . H12. O2	128
414	X*4-METHYL PHENOL	106445	C7 . H8 . O1	108
415	1,1*-ETHYLENEBIS-BENZENE	612000	C14. H14	182
416	2-BUTYL TETRAHYDROFURAN	1004291	C8 . H16. O1	128
417	2-HEPTANOL	543497	C7 . H16. O1	116
418	XCARBONIC ACID, DIETHYL ESTER	105588	C5 . H10. O3	118
419	5-METHYL HEXANOIC ACID	628466	C7 . H14. O2	130
420	4,5-DIMETHYL-2-HEPTEN-3-OL	55956371	C9 . H18. O1	142
421	5-METHYL-2-HEPTANONE	18217124	C8 . H16. O1	128
422	1,3,3,7-TETRAMETHYL-2-OXABICYCLO(2.2.1)HEPTANE	15404576	C10. H18. O1	154
423	2-METHYLPROPANOIC ACID, BUTYL ESTER	97870	C8 . H16. O2	144
424	2-ETHYLCYCLOHEXANONE	4423943	C8 . H14. O1	126
425	1-ETHOXY-2-(2-METHOXYETHOXY)ETHANE	1002671	C7 . H16. O3	148
426	2-METHYLHEPTANOIC ACID	1188029	C8 . H16. O2	144
427	1,6-HEXANEDIOL	629118	C6 . H14. O1	118
428	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN	34314846	C7 . H12. O1	112
429	CYCLOHEXANEHEXANOL	4354589	C12. H24. O1	184
430	~~2,5-DIMETHYLHEXANE~~	~~592138~~	~~C8 . H18~~	~~114~~
431	TETRAHYDRO-2,2,5,5-TETRAMETHYLFURAN	15045439	C8 . H16. O1	128
432	X4(1H)-PYRIMIDINONE	4562270	C4 . H4 . N2 . O1	96
433	3,5-NONADIEN-7-YL-2-OL	43142434	C9 . H12. O1	136
434	4,4,5,5-TETRAMETHYL-1,3-DIOXOLAN-2-ONE	19424294	C7 . H12. O3	144
435	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	13747734	C9 . H14. O1	138
436	OXACYCLOTETRADECAN-2-ONE	1725048	C13. H24. O2	212
437	1,1-DICHLORO-2-HEXANONE	2648591	C6 . H10. O1 .CL2	168
438	4,4-DICHLORO-3-HEXANONE	2648604	C6 . H10. O1 .CL2	168
439	DIHYDRO-5-METHYL-2(3H)-FURANONE	108292	C5 . H8 . O2	100
440	C3-DIHYDROXYBENZOIC ACID	1016	C10. H12. O4	196
441	4-BUTOXYBUTANOIC ACID	55724737	C8 . H16. O3	160
442	X$1,2-DICHLOROETHANE	107062	C2 . H4 .CL2	98
443	PENTAETHYLBENZENE	605016	C16. H26	218
444	XN,N-DIMETHYLFORMAMIDE	68122	C3 . H7 . N1 . O1	73
445	N-ACETYLCYCLOHEXYLAMINE	1124534	C8 . H15. N1 . O1	141
446	O-ETHYLBENZOIC ACID	28134318	C9 . H10. O2	150
447	X*$1,1#-OXYBIS(2-CHLOROETHANE)	111444	C4 . H8 . O1 .CL2	142
448	XBENZOIC ACID, ETHYL ESTER	93890	C9 . H10. O2	150
449	PENTADECANOIC ACID, ETHYL ESTER	41114005	C17. H34. O2	270
450	OCTADECANOIC ACID, ETHYL ESTER	111615	C20. H40. O2	312

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
451	X*+$1,4-DICHLOROBENZENE	106467	C6 . H4 .CL2	146
452	DODECANOIC ACID METHYL ESTER	111828	C13. H26. O2	214
453	2,4-DIMETHYLBENZOIC ACID, METHYL ESTER	23617712	C10. H12. O2	164
454	2,3-DICHLOROBENZENAMINE	608275	C6 . H5 . N1 .CL2	161
455	X$1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER	131113	C10. H10. O4	194
456	XBENZENEACETONITRILE	140294	C8 . H7 . N1	117
457	3-HEPTANOL	589822	C7 . H16. O1	116
458	1-CHLORO-2-METHYL-2-BUTENE	13417431	C5 . H9 .CL1	104
459	1-CHLORO-2,2-DIMETHYLPROPANE	753899	C5 . H11.CL1	106
460	1-BROMO-4-ETHYLBENZENE	1585875	C8 . H9 .BR1	184
461	2,4,5-TRICHLOROBENZENEAMINE	636306	C6 . H4 . N1 .CL3	195
462	*PENTACHLOROBENZENAMINE	527208	C6 . H2 . N1 .CL5	263
463	1,2,2,3-TETRACHLOROPROPANE	13116535	C3 . H4 .CL4	180
464	X*+$1,2,4-TRICHLOROBENZENE	120821	C6 . H3 .CL3	180
465	2,4-DICHLORO-1-NITROBENZENE	611863	C6 . H3 . N1 . O2 .CL2	191
466	+X1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE(ALPHA,BETA,ALPHA,BETA,ALPHA,BET)	319857	C6 . H6 .CL6	288
467	X*PENTACHLORONITROBENZENE	82688	C6 . N1 . O2 .CL5	293
468	NONANEDIOIC ACID, DIMETHYLESTER	1732181	C11. H20. O4	216
469	4-(1,1-DIMETHYLETHYL)-2-METHYLPHENOL	98271	C11. H16. O1	164
470	4-METHYLPHENYLSULFONYLACETIC ACID, METHYL ESTER	50397643	C10. H12. O4 . S1	228
471	4-METHYL-1-PHTHALAZINONE	5004488	C9 . H8 . N2 . O1	160
472	2-METHYL-2-PENTANOL	590363	C6 . H14. O1	102
473	X1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE	76222	C10. H16. O1	152
474	6,7,8,9-TETRAHYDRO-5H-TETRAZOLO(1,5-A)AZEPINE	54955	C6 . H10. N4	138
475	BUTANEDIOIC ACID,DIMETHYL ESTER	106650	C6 . H10. O4	146
476	XDIETHYL SUCCINATE	123251	C8 . H14. O4	174
477	2,2-DIMETHYLPENTANEDIOIC ACID	681572	C7 . H12. O4	160
478	1-(METHYLPHENYL)ETHANONE	28444199	C9 . H10. O1	134
479	(METHYLSULFONYL)BENZENE	3112854	C7 . H8 . O2 . S1	156
480	2-(1-PROPENYL)-1,3-DIOXANE	4928261	C6 . H10. O2	114
481	HEXANOIC ACID, METHYL ESTER	106787	C7 . H14. O2	130
482	OCTANOIC ACID,METHYL ESTER	111115	C9 . H18. O2	158
483	NONANOIC ACID, METHYL ESTER	1731846	C10. H20. O2	172
484	8-NONENOIC ACID,ETHYL ESTER	35194399	C11. H22. O2	184
485	DECANOIC ACID,METHYL ESTER	110429	C11. H22. O2	186
486	BENZONITRILE	100470	C7 . H5 . N1	103
487	PHENYLPROPIONIC ACID,METHYL ESTER	103253	C10. H12. O2	164
488	2,4,5-TRICHLOROPHENOXYACETIC ACID,METHYL ESTER	35389448	C9 . H7 . O3 .CL3	268
489	2,2-DIMETHYL-3-PENTANOL	3970629	C7 . H16. O1	116
490	(1-ETHOXYETHYL)BENZENE	3799856	C10. H14. O1	150
491	1,2-DIMETHYL-4-NITROBENZENE	99514	C8 . H9 . N1 . O2	151
492	HEPTADECANOIC ACID, METHYL ESTER	1731926	C18. H36. O2	284
493	2-HEXENOIC ACID	1191044	C6 . H10. O2	114
494	X2,2-DICHLOROPROPANOIC ACID	75990	C3 . H4 . O2 .CL2	142
495	HENEICOSANIC ACID	2363715	C21. H42. O2	326

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
496	1-HEPTANOL	111706	C7 . H16. O1	116
497	6-UNDECANOL	23708567	C11. H24. O1	172
498	4-(1-METHYLETHYL)BENZOIC ACID	536663	C10. H12. O2	164
499	4,4-DICHLOROBUTENOIC ACID	16502888	C4 . H4 . O2 .CL2	154
500	X2-AMINOBENZOIC ACID	118923	C7 . H7 . N1 . O2	137
501	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID	30316144	C13. H18. O2	206
502	2-PHENOXYETHANOL	122996	C8 . H10. O2	138
503	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE	54063182	C7 . H14. O3	146
504	N,N#-DIMETHYLUREA	96311	C3 . H8 . N2 . O1	88
505	2,6-BIS(1,1-DIMETHYLETHYL)-2,5-CYCLOHEXADIENE-1,4-DIONE	719222	C14. H20. O2	220
506	1,1#-DIMETHYLENEBIS-BENZENE	101815	C13. H12	168
507	X3,7-DIHYDRO-1,3,7-TRIMETHYL-1H-PURINE-2,6-DIONE	58082	C8 . H10. N4 . O2	194
508	1,2-DIHYDRONAPHTHALENE	447530	C10. H10	130
509	TETRAETHYLBENZENE	33637206	C14. H22	190
510	1-ETHYLNAPHTHALENE	1127760	C12. H12	156
511	1-METHYL-7-(1-METHYL ETHYL)-NAPHTHALENE	490653	C14. H16	184
512	X3-METHYLPHENANTHRENE	832713	C15. H12	192
513	1,2,3,4-TETRAHYDRO-1-PHENYLNAPHTHALENE	3018200	C16. H16	208
514	1,1-BIS(2-ETHYLPHENYL)ETHANE	1023	C18. H22	238
515	X1,1#-(1,2-ETHENEDIYL)BIS-BENZENE (TRANS OR CIS, SEE NO. 222)	103300	C14. H12	180
516	1,2,3,4-TETRAHYDRO-2-PHENYLNAPHTHALENE	29422137	C16. H16	208
517	1-(3-ETHYLPHENYL)-ETHANONE	22699703	C10. H12. O1	148
518	2-(ETHYLPHENYL)PROPYL METHYL ETHER	667	C12. H18	178
519	2-METHOXY-1-PROPANOL	1589475	C4 . H10. O2	90
520	ISOMYRISTIC ACID	543	C14. H28. O2	228
521	9-OXODECANOIC ACID	1422260	C10. H18. O3	186
522	ISOPALMITIC ACID	545	C16. H32. O2	256
523	X4 CHLOROBENZOIC ACID	74113	C7 . H5 . O2 .CL1	156
524	X1-HEXADECANOL	36653824	C16. H34. O1	242
525	XTETRACHLOROETHENE	127184	C2 .CL4	164
526	2-METHOXY-3-METHYL-2-PENTENOIC ACID	1008	C7 . H12. O3	144
527	4-OXO-NONANOIC ACID	6064524	C9 . H16. O3	172
528	3-METHYL-2-CYCLOHEXEN-1-ONE	1193186	C7 . H10. O1	110
529	1,2-BENZENEDICARBOXLIC ACID,BUTYL PHENYL ESTER	38411120	C18. H18. O4	298
530	2-METHYL-2-PROPYLHEXANOIC ACID	31080372	C10. H20. O2	172
531	3-CHLOROBENZOIC ACID	535808	C7 . H5 . O2 .CL1	156
532	XCHLOROBENZENE	108907	C6 . H5 .CL1	112
533	BETA,BETA-DIMETHYLPHENYLACETIC ACID	826551	C10. H12. O2	164
534	3-PHENYL PENTANOIC ACID	5669170	C11. H14. O2	178
535	X*+$2,4-DICHLOROPHENOL	120832	C6 . H4 . O1 .CL2	162
536	4-HYDROXY-4-METHYL-2-PENTANONE	123442	C6 . H12. O2	116
537	X PYRIDINE	110861	C5 . H5 . N1	79
538	2,2-DIMETHYLBUTANOIC ACID	595379	C6 . H12. O2	116
539	3-OXOBUTANOIC ACID	541504	C4 . H5 . O3	102
540	2-(HYDROXYMETHYL)BENZOIC ACID	612204	C8 . H8 . O3	152

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
541	4-HYDROXY-ALPHA,ALPHA,4-TRIMETHYLCYCLOHEXANEMETHANOL	80535	C10. H20. O2	172
542	3-METHYLPENTANOIC ACID	105431	C6 . H12. O2	116
543	3-METHOXYBENZOIC ACID	586389	C8 . H9 . O3	152
544	3-HYDROXYTETRADECANOIC ACID	1961724	C14. H28. O3	244
545	2,6-DICHLOROBENZOIC ACID	50793	C7 . H4 . O2 .CL2	190
546	UNDECANEDIOIC ACID	1852046	C11. H20. O4	216
547	1,2,3,4,4A,9,10,10A-OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENECARBOXYLIC ACID	57345309	C17. H22. O2	258
548	4-HYDROXY-4-METHYL-2-PENTANONE	123422	C6 . H12. O2	116
549	3-OCTANONE	106683	C8 . H16. O1	128
550	3-OCTENOIC ACID	1577191	C8 . H14. O2	142
551	2-METHOXYBENZOIC ACID	579759	C8 . H8 . O3	152
552	DICYCLOHEXYLADIPATE	849990	C18. H30. O4	310
553	5-METHYL-2-HEXANOL	627598	C7 . H16. O1	116
554	PIPERIDINONE	27154434	C5 . H9 . N1 . O1	99
555	TRIDECANOIC ACID	638539	C13. H26. O2	214
556	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE	3623850	C7 . H13. N1 . O1	127
557	X4-(1,1-DIMETHYLETHYL)PHENOL	98544	C10. H14. O1	150
558	TRANS-11-OCTADECENOIC ACID	693721	C18. H34. O2	282
559	6-METHYL-3(2H)-BENZOFURANONE	20895414	C9 . H9 . O2	148
560	1,3-DIMETHOXY-2-PROPANOL	623698	C5 . H12. O3	120
561	SULFONYL BIS-METHANE	67710	C2 . H6 . O2 . S1	94
562	4-(1,1,3,3-TETRAMETHYLBUTYL)PHENOL	140669	C14. H22. O1	206
563	3-METHOXY-2-METHYL-2-PENTENOIC ACID	1014	C7 . H12. O3	144
564	3,3 DIMETHYL PENTANEDIOIC ACID	4839467	C7 . H12. O4	160
565	X$1,2 BENZENEDICARBOXYLIC ACID, 2-BUTOXY-2-OXOETHYL BUTYL ESTER	85701	C18. H24. O6	336
566	$1,4-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER	120616	C10. H10. O4	194
567	$1,2-BENZENEDICARBOXYLIC ACID, TERT-BUTYL METHYL ESTER	1007	C13. H16. O4	236
568	X(1,1'-BIPHENYL)-2-OL	90437	C12. H10. O1	170
569	CIS-2,5-DIMETHYLTETRAHYDROFURAN	2144414	C6 . H12. O1	100
570	2-ETHYL-N,2-DIMETHYLSUCCINIMIDE	13661999	C8 . H13. N1 . O2	155
571	5-(1,1-DIMETHYLETHYL)-1,3-BENZODIOXOL-2-ONE	54915213	C11. H12. O3	192
572	5-(1-METHYLPROPYL)-5-ETHYL-2,4,6(1H,3H,5H)PYRIMIDINETRIONE	125406	C10. H16. N2 . O3	212
573	2,6-BIS(1,1-DIMETHYL ETHYL)-4-ETHYL PHENOL	4130421	C16. H26. O1	234
574	2-METHOXYBENZENEACETIC ACID	93254	C9 . H10. O3	166
575	BETA,3,4-TRIMETHYLBENZENEPROPANOIC ACID	1011	C12. H16. O2	192
576	4-(1,5-DIMETHYL-3-OXOHEXYL)-1-CYCLOHEXENE-1-CARBOXYLIC ACID	17844874	C15. H24. O3	252
577	2-(PHENYLMETHYL)BENZOIC ACID	612351	C14. H12. O2	212
578	3(2H)-BENZOFURANONE	7169348	C8 . H8 . O2	134
579	1-BUTOXY-3-METHOXYPROPANE	1012	C8 . H18. O2	146
580	ALPHA,ALPHA-DICHLOROBENZENEACETIC ACID	61031729	C8 . H6 . O2 .CL2	204
581	X4-METHYL BENZENESULFONAMIDE	70553	C7 . H9 . N1 . O2 . S1	171
582	1-(2-BUTOXY-1-METHYLETHOXY)-2-PROPANOL	29911282	C10. H22. O3	190
583	TETRAHYDRO-6-METHYL-2H-PYRAN-2-ONE	823223	C6 . H10. O2	114
584	~~3,3-DIETHYLPENTANE~~	~~1067209~~	~~C9 . H20~~	~~128~~
585	1-METHOXY-2-HEXENE	56052836	C7 . H14. O1	114

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
586	1,11-OXYBISHEXANE	112583	C12. H26. O1	186
587	1-METHOXY-2-BUTANOL	53778737	C15. H12. O2	104
588	2,3-DIMETHYL-3-PENTANOL	595415	C7 . H16. O1	116
589	2-METHYLPENTANEDIOIC ACID	617629	C6 . H10. O4	146
590	2-ACETYL-4-METHYL-4-PENTENDIC ACID	1805	C8 . H12. O3	156
591	2,6-DIMETHYLPHENOXY CARBONIC ACID	1013	C9 . H10. O3	166
592	X2-OXEPANONE	502443	C6 . H10. O2	114
593	2,3-DIMETHYLTETRAHYDRO-2-FURANOL	61142776	C6 . H12. O2	116
594	XTRIMETHYL NITROSO UREA	3475636	C4 . H9 . N3 . O2	131
595	3,4-DIHYDROXY-6-METHOXY-1-NAPHTHALENONE	1078199	C11. H12. O2	176
596	X4-METHYL-3-PENTEN-2-ONE	141797	C6 . H10. O1	98
597	1-ETHOXY DECALIN	51953187	C12. H22. O1	182
598	NONADECANOIC ACID	646388	C19. H38. O2	298
599	BEHENIC ACID	25378261	C22. H44. O2	340
600	1,3,6-TRIOXOCANE	1779197	C5 . H10. O3	118
601	2-ETHYL-1,3-HEXANEDIOL	94962	C8 . H18. O2	146
602	2-ETHYL-5-METHYLDIOXANE	53907918	C7 . H14. O2	130
603	4-HEXEN-2-ONE	25659227	C6 . H10. N1	98
604	3-HYDROXY-1,2-BENZISOTHIAZOLE	3434	C7 . H5 . N1 . O1 . S1	157
605	O-PROPIONYL BENZOIC ACID	4219550	C10. H10. O3	178
606	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID	129	C9 . H10. O3 .BR2	278
607	2-AMINO-5-CHLOROBENZOIC ACID	89543	C7 . H5 . N1 . O2 .CL1	171
608	2,3-BUTANEDIOL	513839	C4 . H10. O2	90
609	EXO-1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-OL	124765	C10. H18. O1	154
610	2,2,3-TRIMETHYL-3-CYCLOPENTENE-1-ACETALDEHYDE	4501588	C10. H16. O1	152
611	DICYCLOHEXYL SEBACATE	366	C22. H38. O4	366
612	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE	432257	C10. H16. O1	152
613	2-[2-(2-METHOXYETHOXY)ETHOXY]-ETHANOL	112356	C7 . H16. O4	164
614	1,3,5-TRIETHYLBENZENE	102250	C12. H18	162
615	DECAHYDRO-2,6-DIMETHYLNAPHTHALENE	1618220	C12. H22	166
616	XDIHYDRO-2(3H)-FURANONE	96480	C4 . H6 . O2	86
617	1,1,3-TRICHLORO-1-PROPENE	2567148	C3 . H3 .CL3	144
618	DECANEDIOIC ACID	111206	C10. H18. O4	202
619	1-(6-ETHYLPHENYL)ETHANONE	2142769	C10. H12. O1	148
620	3-OCTEN-2-ONE	1669449	C8 . H14. O1	126
621	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE	41654277	C10. H14. O3	182
622	XBUTANEDIOIC ACID	110156	C4 . H6 . O4	118
623	2-ETHOXYNAPHTHALENE	93185	C12. H12. O1	172
624	X1-DECANOL	112301	C10. H22. O1	158
625	1,2,4-TRIETHYLBENZENE	877441	C12. H18	162
626	1,2,3,4-TETRAHYDRONAPHTHALENE	119642	C10. H12	132
627	DIETHENYLBENZENE	1321748	C10. H10	130
628	4-ETHYLBENZALDEHYDE	4748781	C9 . H10. O1	134
629	1-(2-METHYLPHENYL)ETHANONE	577162	C9 . H10. O1	134
630	1,2,3,4-TETRAHYDRO-1-METHYLNAPHTHALENE	1559815	C11. H14	146

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
631	2,3-DIHYDRO-1,1-DIMETHYL-1H-INDENE-4-CARBOXYLIC ACID, ETHYL ESTER	55591123	C14. H18. O2	218
632	2-(ACETYLOXY)-1-PHENYLETHANONE	2243358	C10. H10. O3	178
633	1-(2,4-DIMETHYLPHENYL)ETHANONE	89747	C10. H12. O1	148
634	X2-ETHYL NAPHTHALENE	939275	C12. H12	156
635	2-METHYL-2, 3-DIHYDRO-1H-INDENE	824635	C10. H12	132
636	2,2-DIMETHYL-3,5-DECADIYNE	59682738	C12. H18	162
637	2,3-DIHYDRO-5-METHYL-1H-INDENE	874351	C10. H12	132
638	2,5-CYCLOHEXADIEN-1-YLBENZENE	4794852	C12. H12	156
639	1,1'-(1-METHYL-1,2-ETHENEDIYL)BIS-BENZENE	833818	C15. H14	194
640	2,3,4,5,6-PENTAFLUORO-N-(2-PHENYLETHYL)BENZAMIDE	38342147	C15. H10. N1 . O1 . F5	315
641	1,1'-(ETHANEDIYL)BIS(4-ETHYLBENZENE)	57364791	C18. H22	238
642	1-(2-METHOXYPROPOXY)-2-PROPANOL	13429077	C7 . H16. O3	148
643	3-PROPYLCYCLOPENTENE	34867759	C8 . H14	110
644	2-UNDECANOL	1653301	C11. H24. O1	172
645	1-UNDECANOL	112425	C11. H24. O1	172
646	BENZOIC ACID, HEXYL ESTER	6789884	C13. H18. O2	206
647	BENZOIC ACID, PENTYL ESTER	2049969	C12. H16. O2	192
648	4-METHYL-1,2-BENZENEDICARBOXYLIC ACID	4316238	C9 . H8 . O4	180
649	X2-NAPHTHALENECARBOXYLIC ACID	93094	C11. H8 . O2	172
650	1,2,3,3-TETRACHLORO-1-PROPENE	20369859	C3 . H2 .CL4	178
651	1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLO(2.2.1)HEPTANE	470677	C10. H18. O1	154
652	2-METHYL PENTANOIC ACID	97610	C6 . H12. O2	116
653	1-(4,5-DIETHYL-2-METHYL-1-CYCLOPENTEN-1-YL)ETHANONE	62338243	C12. H20. O1	180
654	1,3,3-TRIMETHYL(2.2.1)BICYCLOHEPTAN-2-ONE	1195795	C10. H16. O1	152
655	BENZENEBUTANOIC ACID	1821121	C10. H12. O2	164
656	2-HYDROXYTETRADECANOIC ACID	2507553	C14. H28. O3	244
657	3-METHYL-1,2-BENZENEDICARBOXYLIC ACID	37102742	C9 . H8 . O4	180
658	4-METHYL-3-PENTENAL	5362589	C6 . H10. O1	98
659	X1,3,3-TRIMETHYL-2-OXABICYCLO(2.2.2)OCTANE	470826	C10. H18. O1	154
660	3-ETHOXY-3-METHYL-2-BUTANONE	36667997	C7 . H14. O2	130
661	(1-METHYLETHENYL)BENZENE	98839	C9 . H10	118
662	6-METHOXY-2-HEXANONE	29886886	C7 . H14. O2	130
663	2,4-HEPTANEDIONE	7307828	C7 . H12. O2	128
664	ALPHA,ALPHA-DIMETHYLCYCLOOCTANEMETHANOL	16624869	C11. H22. O1	170
665	METHYL 2,2,3-TRIMETHYLCYCLOPENTYL KETONE	17983221	C10. H18. O1	154
666	THIOHEXANOIC ACID, S-BUTYL ESTER	2432793	C10. H20. O1 . S1	188
667	3-ETHOXY-3-METHYL-1-BUTYNE	7740694	C7 . H12. O1	112
668	5-(PENTYLOXY)-2-PENTENE	56852858	C10. H20. O1	156
669	2-ETHYL-3-METHYLOXETANE	53778624	C6 . H12. O1	100
670	2-METHYL-2-PROPYL-1,3-DIOXOLANE	4352981	C7 . H14. O2	130
671	2-ETHYL-1,3,2-DIOXABOROLANE	10173383	C4 . H9 . O2	100
672	1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTANE-2,5-DIONE	4230324	C10. H14. O2	166
673	7,7-DIMETHYL-11-DODECEN-2-ONE	35196228	C14. H26. O1	210
674	9-OXODECANOIC ACID, METHYL ESTER	2575877	C11. H20. O3	200
675	CYCLOOCTANEPROPANOL	16782382	C11. H22. O1	170

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
676	1-CYCLOHEXYLETHANONE	823767	C8 . H14. O1	126
677	4-(1-METHYLETHYL)BENZALDEHYDE	122032	C10. H12. O1	148
678	2,3 5,6-DI-O-ISOPROPYLIDEN-ALPHA-D-TALOFURANOSE	23262784	C12. H20. O6	260
679	1-(1,1-DIMETHYLETHYL)-4-ETHOXYBENZENE	17269942	C12. H18. O1	178
680	5-METHYL-1(3H)-ISOBENZOFURANONE	54120648	C9 . H8 . O2	148
681	9-OCTADECENAL	5890415	C18. H34. O1	266
682	4-METHYL-3-HEPTEN-2-ONE	22319251	C8 . H14. O1	126
683	6-METHOXY-2-METHYL-3-HEXANONE	17429859	C8 . H16. O2	144
684	2,6-DIMETHYL-3-HEPTANOL	19549736	C9 . H20. O1	144
685	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55956213	C7 . H16. O3	148
686	1,2-BENZENEDICARBOXYLIC ACID, BUTYL PENTYL DIESTER	1818	C17. H24. O4	292
687	2-ETHYL-2-ISOBUTYL-1,3-DIOXOLANE	935455	C9 . H18. O2	158
688	1-[4-(1-HYDROXY-1-METHYLETHYL)PHENYL]ETHANONE	54549723	C11. H14. O2	178
689	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379	C9 . H16. O1	140
690	2,3-DIMETHYLBUTANOIC ACID	14287617	C6 . H12. O2	116
691	2,2#-OXYBIS(1-CHLOROPROPANE)	108601	C6 . H12. O1 .CL2	170
692	PENTACHLOROCYCLOPROPANE	6262517	C3 . H1 .CL5	212
693	2,3-OCTANEDIONE	585251	C8 . H14. O2	142
694	~~4-ETHYL-2,3-DIMETHYLCYCLOHEXANE~~	~~7058051~~	~~C10. H20~~	~~140~~
695	BENZOIC ACID, BUTYL ESTER	136607	C11. H14. O2	178
696	XBROMOCHLOROMETHANE	74975	C1 . H2 .BR1 .CL1	128
697	TRICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	713	C8 . H5 . O3 .CL3	254
698	3-BROMO-1,1-DICHLOROPROPANE	36668458	C3 . H5 .BR1 .CL2	190
699	X2-METHYL-2-BUTANOL	75854	C5 . H12. O1	88
700	5-METHYLHEXANOL	1860395	C7 . H14. O1	114
701	3,4,4-TRIMETHYL 1-5-OXO-2-HEXENOIC ACID (Z)	14919541	C9 . H14. O3	170
702	2-METHOXYETHANOL	109864	C3 . H8 . O2	76
703	4-(1-METHYLETHYL)CYCLOHEXANOL	4621049	C9 . H18. O1	142
704	4-METHYL-3-HEPTANOL	14979396	C8 . H18. O1	130
705	2-(1-METHYLETHOXY)BUTANE	18641811	C7 . H16. O1	116
706	XHEXANOIC ACID, 2-PROPENYL ESTER	123682	C9 . H16. O2	156
707	CYCLOPENTANONE	120923	C5 . H8 . O1	84
708	BUTANOIC ACID, ETHENYL ESTER	123206	C6 . H10. O2	114
709	TRANS-TETRAHYDRO-5-METHYL-2-FURANMETHANOL	54774286	C6 . H12. O2	116
710	OCTAHYDRO-2,2,4,4,7,7-HEXAMETHYL-1H-INDENE (TRANS)	54832836	C15. H28	208
711	2-PROPENOIC ACID, OCTYL ESTER	2499594	C11. H20. O2	184
712	X1-METHYL-2-PYRROLIDINONE	872504	C5 . H9 . N1 . O1	99
713	5-METHYL-4-OXOHEXANOIC ACID	41654048	C7 . H12. O3	144
714	3-METHYL-4-PENTEN-2-ONE	758872	C6 . H10. O1	98
715	CIS-1,3-DICHLOROCYCLOHEXANE	24955633	C6 . H10.CL2	152
716	3,4-DIHYDRO-6-METHYL-2H-PYRAN	16015115	C6 . H10. O1	98
717	5-METHOXY-2-METHYL-2-PENTANOL	55724044	C7 . H16. O2	132
718	TRANS-2-ETHENYL-2-BUTENAL	28521428	C6 . H8 . O1	96
719	(1-METHYLBUTYL)OXIRANE	53229393	C7 . H14. O1	114
720	2-HYDROXYCYCLOHEXANONE	533608	C6 . H10. O2	114

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
721	5-METHYL-1-HEXANOL	627985	C7 . H16. O1	116
722	2-(1,1-DIMETHYLETHYL)-2-METHYL-1,3-DIOXOLANE	6135542	C8 . H16. O2	144
723	3-CHLORO-2-CYCLOPENTEN-1-ONE	53182148	C5 . H5 . O1 .CL1	116
724	TETRAHYDRO-4,6,6-TRIMETHYL-2H-PYRAN-2-ONE	28528368	C8 . H14. O2	142
725	3,7-OCTADIEN-2-ONE	25172069	C8 . H12. O1	124
726	2-HEPTEN-1-OL	33467764	C7 . H14. O1	114
727	2-BUTOXYPENTANE	62238022	C9 . H20. O1	144
728	3-ACETYLDIHYDRO-2(3H)-FURANONE	517237	C6 . H8 . O3	128
729	2-OCTEN-1-OL	18489171	C8 . H16. O1	128
730	CHLOROACETONITRILE	107142	C2 . H2 . N2 .CL2	75
731	~~X,ALPHA.,.,ALPHA.,4-TRIMETHYL-4-HYDROXYCYCLOHEXANEMETHANOL,H3O~~ SEE NO. 541	~~2451066~~	~~C10. H20. O2~~	~~172~~
732	X3-PHENYL-2-PROPENAL	104552	C9 . H8 . O1	132
733	2-METHYLENEBUTANOIC ACID	3586581	C5 . H8 . O2	100
734	X2-ETHOXYETHANOL	110805	C4 . H10. O2	90
735	3,6-DIMETHYLOCTANOIC ACID	4812297	C10. H20. O2	172
736	BETA-METHYL-BENZENEBUTANOIC ACID	7315686	C11. H14. O2	178
737	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE CARBOXILIC ACID, METHYL ESTER	3650842	C17. H22. O2	258
738	1,3-DIMETHYL-2-(2-ISOPROPYLPHENYL)ETHYLCYCLOHEXANE CARBOXILIC ACID	6080	C20. H30. O2	302
739	X7-OXABICYCLO[4.1.0]HEPTANE	286284	C6 . H10. O1	98
740	X1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	123331	C4 . H4 . N2 . O2	112
741	3-HYDROXYOCTANOIC ACID	14292274	C8 . H16. O3	160
742	3,4-DIHYDROXYBENZALDEHYDE	8897	C7 . H6 . O3	138
743	2,3-DICHLOROACRYLIC ACID	8896	C3 . H2 . O2 .CL2	140
744	5-OXO-HEXANOIC ACID	3128861	C6 . H10. O3	130
745	~~ACETIC ACID~~	~~64197~~	~~C2 . H4 . O2~~	~~60~~
746	X*BENZENAMINE	62533	C6 . H7 . N1	93
747	X2,2,2-TRICHLOROETHANOL	115208	C2 . H3 . O1 .CL3	148
748	X81,4-DIMETHYBENZENE	106423	C8 . H10	106
749	4-ACETYLMORPHOLINE	1696284	C6 . H11. N1 . O2	129
750	2-METHYLBENZENEPROPANOIC ACID	22884895	C10. H12. O2	164
751	X2-METHYL-2-PROPANOL	75650	C4 . H10. O1	74
752	3-METHYL-2-CYCLOPENTEN-1-ONE	2758181	C6 . H8 . O1	96
753	2,4-DIMETHYL-4-HEPTANOL	19549770	C9 . H20. O1	144
754	2-METHYLHEXANOIC ACID	4536236	C7 . H14. O2	130
755	2,3,4,5,5-PENTACHLORO-2,4-PENTADIENOIC ACID	5659416	C5 . H1 . O2 .CL5	268
756	2-METHYL-2-HEPTEN-4-ONE	22319248	C8 . H14. O1	126
757	X1-(2-FURANYL)ETHANONE	1192627	C6 . H6 . O2	110
758	4-AMINO-3,5-DICHLOROBENZOIC ACID	56961252	C7 . H5 . N1 . O2 .CL2	205
759	4-ETHYLHEXANOIC ACID	6299667	C8 . H16. O2	144
760	X3-AMINO-2,5-DICHLOROBENZOIC ACID	133904	C7 . H5 . N1 . O2 .CL2	205
761	5-METHYL-3-HEXANONE	623563	C7 . H14. O1	114
762	XDIMETHOXYMETHANE	109875	C3 . H8 . O2	76
763	3-METHYL-2-HEXANOL	2313657	C7 . H16. O1	116
764	1-METHYL-4-METHYLENECYCLOHEPTANE	23799259	C9 . H16	124
765	2,4-DIMETHYL-2-PENTENE	625650	C7 . H14	98

(continued)

TABLE 23. (continued)

FINAL REPORT (PART III)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
766	4-METHYL-2,3-PENTANEDIONE	7493585	C6 . H10. O2	114
767	~~CIS-DECAHYDRONAPHTHALENE~~	~~493010~~	~~C10. H18~~	~~138~~
768	1,2-DIMETHYLCYCLOHEXENE	1674108	C8 . H14	110
769	~~PENTYLCYCLOPROPANE~~	~~2511913~~	~~C8 . H16~~	~~112~~
770	4-METHOXY-1-BUTANOL	111320	C5 . H12. O2	104
771	3,4-EPOXY-3-ETHYL-2-BUTANONE	17257028	C6 . H10. O2	114
772	~~2,7-DIMETHYLOCTANE~~	~~1072160~~	~~C10. H22~~	~~142~~
773	3,4-DIHYDRO-2,5-DIMETHYL-2H-PYRAN-2-CARBOXALDEHYDE	1920214	C8 . H12. O2	140
774	~~1,1,3-TRIMETHYLCYCLOHEXANE~~	~~3073663~~	~~C9 . H18~~	~~126~~
775	N-BENZOYLGLYCINE, METHYL ESTER	1205889	C10. H11. N1 . O3	193
776	ALPHA,ALPHA-DIMETHYLBENZYL ISOPROPYL ETHER	24142776	C12. H18. O1	178
777	2-(1-METHYLETHYL)-1,3-DIOXOLANE	822833	C6 . H12. O2	116
778	1-OXTRAHYLETHANONE	4401118	C4 . H6 . O2	86
779	6,6-DIMETHYL-3,4-UNDECADIENE-2,10-DIONE	52588780	C13. H20. O2	208
780	1,4-BENZENEDICARBOXYLIC ACID	100210	C8 . H6 . O4	166
781	~~SULFURIC ACID, DIMETHYL ESTER~~	~~77781~~	~~C2 . H6 . O4 . S1~~	~~126~~
782	1-METHYL-4-(1-METHYL-2-BUTENYL)NAPHTHALENE	38171970	C16. H18	210
783	BROMOCYCLOPENTANE	137439	C5 . H9 .BR1	148
784	2,2-DICHLORO-3-METHYLBUTANE	17773669	C5 . H10.CL2	140
785	X*N-PHENYLBENZENAMINE	122394	C12. H11. N1	169
786	3-HYDROXY-3-METHYL-2-BUTANONE	115220	C5 . H10. O2	102
787	PENTADECANOIC ACID, METHYL ESTER	7132641	C16. H32. O2	256
788	HEXADECANOIC ACID, METHYL ESTER	112390	C17. H34. O2	270
789	METHYL ISOPALMITATE	5129602	C17. H34. O2	270
790	DIBENZOFURAN	132649	C12. H8 . O1	168
791	2,2-DICHLOROBUTANOIC ACID	13023802	C4 . H6 . O2 .CL2	156
792	2-ETHYLHEPTANOIC ACID	3274291	C9 . H18. O2	158
793	ACETIC ACID, 4-CHLOROPHENYL ESTER	876277	C8 . H7 . O2 .CL1	170
794	2,3,4,6-TETRACHLOROPHENOL	936227		230
795	1-CHLORO-2-ETHYLBENZENE	89963	C8 . H9 .CL1	140
796	HEXACHLOROETHANE	67721	C2 .CL6	234
797	1-BROMO-2-ETHYLBENZENE	1973224	C8 . H9 .BR1	184
798	(2-CHLOROETHENYL)BENZENE	622253	C8 . H7 .CL1	138
799	$1,2,3-TRICHLOROBENZENE	87616	C6 . H3 .CL3	180
800	3,5-DIBROMOTOLUENE	1611923	C7 . H6 .BR2	248
801	(1,2-DICHLOROETHYL)BENZENE	1074119	C8 . H8 .CL2	174
802	X1-CHLORO-3-NITROBENZENE	121733	C6 . H4 . N1 . O2 .CL1	157
803	*2,4-DICHLORONAPHTHALENE	2198756	C10. H6.CL2	196
804	CYCLOPENTENE	142290	C5 . H8	68
805	X+$1,3-DICHLOROBENZENE	541731	C6 . H4 .CL2	146
806	X*+$NITROBENZENE	98953	C6 . H5 . N1 . O2	123
807	1-CHLOROTRICYCLO(4.3.1.13.8)UNDECANE	27311467	C11. H17.CL1	184
808	DECAMETHYLCYCLOPENTASILOXANE	541026	C10. H30. O5	370
809	2-CHLORO-1,3,5-TRIMETHYLBENZENE	1667845	C9 . H11.CL1	154
810	1-CHLORO-2(PHENYLETHYNYL)BENZENE	10271575	C14. H9 .CL1	212

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
811	2-METHYLBENZOTRIAZOLE	13351738	C7 . H7 . N3	133
812	X1,2-BIS(2-CHLOROETHOXY)ETHANE	112265	C6 . H12. O2 .CL2	186
813	CYCLODODECANOL	830137	C12. H22. O1	182
814	OCTANEDIOIC ACID,DIMETHYL ESTER	1732898	C10. H18. O4	202
815	METHYLBUTANEDIOIC ACID,DIMETHYL ESTER	1604111	C7 . H12. O4	160
816	N-METHYL ETHENAMINE	30239279	C3 . H5 . N1	55
817	XHEPTANOIC ACID,ETHYL ESTER	106309	C9 . H18. O2	158
818	2-(2-CHLOROETHOXY)ETHANOL	628897	C4 . H9 . O2 .CL1	124
819	UNDECANOIC ACID,METHYL ESTER	1731868	C12. H24. O2	200
820	XBENZENEACETIC ACID, ETHYL ESTER	101973	C10. H12. O2	164
821	4-ETHYL BENZOIC ACID, METHYL ESTER	4346183	C10. H12. O2	164
822	X2-(4-CHLOROPHENOXY)-2-METHYLPROPIONIC ACID,ETHYL ESTER	637870	C12. H15. O3 .CL1	242
823	X9H-FLUOREN-9-ONE	486259	C13. H8 . O1	180
824	X1-METHYL-2,4-DINITROBENZENE	121142	C7 . H5 . N2 . O4	182
825	2,4-DICHLOROPHENOXY ACETIC ACID, METHYL ESTER	94571488	C9 . H8 . O3 .CL2	234
826	METHYL ISONONANOATE	2177868	C10. H20. O2	172
827	XOCTANOIC ACID,ETHYL ESTER	106321	C10. H20. O2	172
828	2-OXO-PENTANEDIOIC ACID, DIMETHYL ETHER	13192046	C7 . H10. O5	174
829	2-(4-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID, METHYL ESTER	59162419	C11. H13. O3 .CL1	228
830	METHYL ISOTRIDECANOATE	1731880	C14. H28. O2	228
831	7-METHYLTETRADECANOIC ACID, ETHYL ESTER	17678756	C17. H34. O2	270
832	PENTACOSANIC ACID, METHYL ESTER	56373892	C26. H52. O2	396
833	1-HEXANOL	111273	C6 . H14. O1	102
834	X2-OCTANONE	111137	C8 . H16. O1	128
835	5-HEXEN-2-OL	54774275	C6 . H12. O1	100
836	X1-PENTANOL	71410	C5 . H12. O1	88
837	X5-3-(1-METHYL-2-PYRROLIDINYL)-PYRIDINE	54115	C10. H14. N2	162
838	3-METHYL-4-HEPTANONE	15726155	C8 . H16. O1	128
839	2-DODECANOL	10203284	C12. H26. O1	186
840	2-HYDROXY-6-METHYLBENZOIC ACID	567613	C8 . H8 . O3	152
841	2-BROMO-1,2-DICHLOROPROPANE	17759885	C3 . H5 .BR1 .CL2	190
842	1-BROMO-2,3-DICHLOROPROPANE	33637079	C3 . H5 .BR1 .CL2	190
843	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL	94340895	C9 . H20. O2	160
844	1,1?-((1-METHYL-1,2-ETHANEDIYL)BIS(OXY))BIS-2-PROPANOL	1638160	C9 . H20. O4	192
845	X2,6-DIMETHYLPYRIDINE	108485	C7 . H9 . N1	107
846	X2,4-DIMETHYLPYRIDINE	108474	C7 . H9 . N1	107
847	2,3-DIMETHYL PYRIDINE	583619	C7 . H9 . N1	107
848	2,4,6-TRIMETHYLPYRIDINE	108754	C8 . H11. N1	121
849	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	C9 . H14. O1	138
850	.ALPHA.-METHYLENE BENZENEACETONITRILE	495183	C9 . H7 . N1	129
851	1-METHYLISOQUINOLINE	1721933	C10. H9 . N1	143
852	2,3-DIMETHYL QUINOLINE	1721897	C11. H11. N1	157
853	DIDEHYDROGENATED ABIETIC ACID	625	C20. H26. O2	298
854	X-PHENANTHRENE	85018	C14. H10	178
855	1,2-BENZISOTHIAZOLE	272162	C7 . H5 . N1	135

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
856	N-PROPYL-1-HEXANAMINE	20193231	C9 . H21. N1	143
857	1,2-DIHYDRO-4-PHENYLNAPHTHALENE	7469481	C16. H14	206
858	1,3-DIETHENYLBENZENE	108576	C10. H10	130
859	1-PHENYL-3-BUTEN-2-ONE	3744255B	C10. H10. N1	146
860	2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYLPHENOL	128378	C15. H24. O1	220
861	1,1 DIETHOXY ETHANE	105577	C6 . H14. O2	118
862	7-METHYL-3(2H)-BENZOFURANONE	469849	C9 . H8 . O2	148
863	2,2-DIMETHYL-1-PROPANOL	75843	C5 . H12. O1	88
864	3,7,11-TRIMETHYL-3-DODECANOL	7278691	C19. H32. O1	228
865	2,2'-BI-1,3-DIOXOLANE	6709891	C6 . H10. O4	146
866	2-PROPOXYETHANOL	2807309	C5 . H12. O2	104
867	2-METHYLPYRIDINE	109068	C6 . H7 . N1	93
868	3-METHYL BUTANAMIDE	541460	C5 . H11. N1 . O1	101
869	2-CHLOROPHENOL	95578	C6 . H5 . O1 .CL1	128
870	1,2-BENZENEDICARBOXYLIC ACID, DIPROPYL ESTER	131168	C14. H18. O4	250
871	2,4-DIMETHYLPHENOL	105679	C8 . H10. O1	122
872	1,2,4-TRIMETHYL BENZENE	95636	C9 . H12	120
873	2,3-DIHYDRO-1H-INDEN-1-ONE	83338	C9 . H8 . O1	132
874	OCTADECANOL	26762447	C18. H38. O1	270
875	1-METHYL-5-(3-PYRIDINYL)-2-PYRROLIDINONE	486966	C10. H12. N2 . O1	176
876	2,5,8,11,14-PENTAOXAPENTADECANE	143248	C10. H22. O5	222
877	1,4,6-TRIMETHYL NAPHTHALENE	2131422	C13. H14	170
878	5-METHYL-2-(1-METHYLETHYL) CYCLOHEXANONE	10458147	C10. H18. O1	154
879	5-ETHYLDIHYDRO-2(3H)-FURANONE	695067	C6 . H10. O2	114
880	3,4-DIMETHOXYBENZALDEHYDE	120149	C9 . H10. O3	166
881	2,5,8,11-TETRAOXADODECANE	112492	C8 . H18. O4	178
882	4,4-DIMETHYL-2-PENTENOIC ACID	6965353	C7 . H12. O2	128
883	4-OCTENOIC ACID	18294898	C8 . H14. O2	142
884	1-CHLORO-2-PROPANONE	78955	C3 . H5 . O1 .CL1	92
885	7-NONENOIC ACID	1322	C9 . H16. O2	156
886	2,6-DIMETHYLHEPTANOIC ACID	60148969	C9 . H18. O2	158
887	~~2,4-DIMETHYL HEXANE~~	~~589435~~	~~C8 . H18~~	~~114~~
888	ACETIC ACID ETHENYL ESTER	108054	C4 . H6 . O2	86
889	PROPANEDIOIC ACID	141822	C3 . H4 . O4	104
890	4-METHYLPHENYLPENTANOIC ACID	59896712	C12. H16. O2	192
891	1,2-BENZENEDICARBOXYLIC ACID, ISOBUTYL METHYL ESTER	1804	C13. H16. O4	236
892	1,2-BENZENEDICARBOXYLIC ACID, SEC-BUTYL METHYL ESTER	1806	C13. H16. O4	236
893	OXYBIS(METHOXYMETHANE)	628908	C4 . H10. O3	106
894	3-CHLOROBENZENAMINE	108429	C6 . H5 . N1 .CL1	127
895	9-DODECENOIC ACID	2382403	C12. H22. O2	198
896	2,3,3-TRIMETHYL-3H-INDOLE	1640397	C11. H13. N1	159
897	2,5-BIS(1,1-DIMETHYLPROPYL)-2,5-CYCLOHEXADIENE-1,4-DIONE	4584636	C16. H24. O2	246
898	TETRAMETHYLUREA	632224	C5 . H12. N2 . O1	116
899	1-METHOXY-4-METHYLBENZENE	104938	C8 . H10. O1	122
900	ALPHA-(ACETYLOXY)-ALPHA-METHYLBENZENEACETIC ACID	10487920	C11. H12. O4	208

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
901	2,5,8-TRIMETHYL-1-NAPHTHOL	33983027	C13. H14. O1	186
902	1,4-DIMETHYL-2-ETHENYLBENZENE	2039896	C10. H12	132
903	1-(3-BUTOXYPROPOXY)-2-PROPANOL	35075242	C10. H22. O3	190
904	3-METHYL-1(3H)-ISOBENZOFURANONE	3453643	C9 . H8 . O2	148
905	1-BUTYLTHIO-3-METHYLBENZENE	54576419	C11. H16. S1	180
906	TETRAHYDRO-2H-PYRAN-2-METHANOL	100721	C6 . H12. O2	116
907	~~3-ETHYL-4-METHYLHEXANE~~	~~3074779~~	~~C9 . H20~~	~~128~~
908	BICYCLO(2.2.1)HEPT-2-EN-7-OL	53783872	C7 . H10. O1	110
909	2-HEXENAL	505577	C6 . H10. O1	98
910	2,6-DIMETHYL-2-HEPTEN-4-ONE	16525056	C9 . H16. O1	140
911	4-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID	4342603	C8 . H12. O2	140
912	2-ETHYL-2-METHYLBUTANOIC ACID	19889373	C7 . H14. O2	130
913	4-METHYL-2-PHENYLQUINOLINE	4789768	C16. H13. N1	219
914	1-(PHENYLMETHYL)ISOQUINOLINE	6907591	C16. H13. N1	219
915	1,4,5,6-TETRAHYDRO-1,2,4-TRIMETHYLPYRIMIDINE	53517923	C7 . H14. N2	126
916	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE	19515271	C7 . H11. N1 . O1	125
917	CYCLOHEXANECARBOXYLIC ACID, ETHENYL ESTER	4840760	C9 . H14. O2	154
918	2-(2-(CYCLOHEXYLOXY)ETHOXY)ETHANOL	25361846	C10. H20. O3	188
919	ISOINDOLE-1,3-DIONE	85416	C8 . H5 . N1 . O2	147
920	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	2007	C7 . H10. O4	158
921	TRICOSANOIC ACID	2009	C23. H46. O2	354
922	1,2,3,4,5,6,7,8,8-NONACHLORO-3A,4,7,7A-TETRAHYDRO-4,7-METHANOINDENE	21541703	C10. H3 .CL9	438
923	3-ETHOXY-1(3H)-ISOBENZOFURANONE	16924025	C10. H10. O3	178
924	2-ISOPROPYLTHIOPHENE	1689787	C8 . H12. S1	140
925	3-(2-HYDROXYPROPYL)-5-METHYL-2-OXAZALIDINONE	3375846	C7 . H13. N1 . O3	159
926	3-METHYLOCTAHYDROPENTALENE-1-CARBOXYLIC ACID	28645036	C10. H16. O2	168
927	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE	33993349	C10. H16. O2	168
928	2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANE CARBOXYLIC ACID	32511061	C10. H16. O2	168
929	4-ISOPROPOXYBUTYRIC ACID	146	C7 . H14. O3	146
930	BIS(1-METHYLETHYL)PHENOL	520	C12. H18. O1	178
931	ISOSTEARIC ACID	5638120	C18. H36. O2	284
932	ISOEICOSANOIC ACID	3121	C20. H40. O2	312
933	PENTACOSANOIC ACID	506387	C25. H50. O2	382
934	HEXACOSANOIC ACID	506467	C26. H52. O2	396
935	OCTACHLOR	5103742	C10. H6 .CL8	406
936	1-(1-METHYL-2-(2-PROPENYLOXY)ETHOXY)-2-PROPANOL	55956257	C9 . H18. O3	174
937	4-METHOXY-5-METHYL-4-CYCLOPENTEN-1,3-DIONE	7180623	C7 . H8 . O3	140
938	2-(3-ISOPROPYLPHENYL)-1-PROPANOL	54518115	C12. H18. O1	178
939	N-(2-METHYLPHENYL)FORMAMIDE	94699	C8 . H9 . N1 . O1	135
940	TETRAPROPYLENE GLYCOL	1377	C12. H26. O5	250
941	TETRAPROPYLENE GLYCOL	1378	C12. H26. O5	250
942	TETRAPROPYLENE GLYCOL	1379	C12. H26. O5	250
943	1,2,3,4,4A,9,10,10A OCTAHYDRO-1,4A-DIMETHYL-7-(1-METHYL ETHYL)-1-PHENANTHRENE	1235741	C21. H30. O2	314
944	1,4-BENZOTHIAZIN-3-ONE	5325202	C8 . H7 . N1 . O1 . S1	165
945	8-NONENE-2-ONE	5009325	C9 . H16. O1	140

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
946	DODECANEDIOIC ACID	693232	C12. H22. O4	230
947	P-BROMOBENZOIC ACID	586765	C7 . H5 . O2 .BR1	200
948	2,4-DIBROMOBENZOIC ACID	611807	C7 . H4 . O2 .BR2	280
949	4-PHENYL-4-OXOBUTYRIC ACID	3333	C10. H10. N3 . O3	178
950	4(2,5-XYLYL)BUTYRIC ACID	127	C12. H16. O2	192
951	2,5-DI(CHLOROMETHYL)-3-ETHYL BENZOIC ACID	128	C10. H14. O2 .CL2	236
952	N-ETHYL-4-METHYL-2-PENTANEAMINE	42966643	C8 . H19. N1	129
953	P-ETHYLPHENOL	123079	C8 . H10. O1	122
954	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER	1603798	C10. H10. O3	178
955	2-METHOXY-2-HEXENOIC ACID	144	C7 . H12. O3	144
956	3-(DICHLOROMETHYL)-4,6-BIS(1,1-DIMETHYLETHYL)-3,5-CYCLOHEXDIENE-1,2-DIONE	264	C15. H20. O2 .CL2	302
957	CYCLOPENTANE CARBOXYLIC ACID, VINYL ESTER	16523861	C8 . H12. O2	140
958	HEXAHYDRO-2H-AZEPINE-2-ONE	105602	C6 . H11. N1 . O1	113
959	1-METHYL-2-(2-PROPENYL)BENZENE	1587048	C10. H12	132
960	1-ETHYL-4-(1-METHYLETHYL)BENZENE	4218488	C11. H16	148
961	1-ETHYL-3-(1-METHYLETHYL)BENZENE	4920994	C11. H16	148
962	(1,1-DIMETHYLPROPYL)BENZENE	2049958	C11. H16	148
963	2,3-DIHYDRO-1-METHYL-1H-INDENE	767588	C10. H12	132
964	1-ETHYL-2,3-DIHYDRO-1H-INDENE	4830993	C11. H14	146
965	1,1'-(1-METHYL-1,2-ETHANEDIYL)BIS-BENZENE	5814857	C15. H16	196
966	6-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	1680519	C11. H14	146
967	2,3,4-TRIMETHYLBENZOIC ACID	1076477	C10. H12. O2	164
968	2-METHYL-2-NONEN-4-ONE	2903233	C10. H18. O1	154
969	%CHLOROACETIC ACID	79118	C2 . H3 . O2 .CL1	94
970	1,4-BIS(1-METHYLETHYL)BENZENE	100185	C12. H18	162
971	1-HEPTENYLBENZENE	829992	C13. H18	174
972	2,3,6-TRIMETHYLBENZOIC ACID	2529364	C10. H12. O2	164
973	3-METHYL-2,2-DIOXIDE-1H-2,1,3-BENZOTHIADIAZIN-4(3H)-ONE	2225403	C8 . H8 . N2 . O3 . S1	212
974	ACETIC ACID, 1-METHYLETHYL ESTER	108214	C5 . H10. O2	102
975	.BETA.-OXO-BENZENEACETIC ACID, ETHYL ESTER	614277	C10. H10. O3	178
976	1,3-DIHYDRO-2,2-DIOXIDE-2,1,3-BENZOTHIADIOZOLE	1519061	C6 . H5 . N2 . O2	170
977	METHYL-(2-METHYLPROPYL) BENZENE	100	C11. H16	148
978	2-BUTANOL	78922	C4 . H10. O1	74
979	3,5,5-TRIMETHYL-2(5H)-FURANONE	50590500	C7 . H10. O2	126
980	2-PROPYLCYCLOHEXANONE	94655	C9 . H16. O1	140
981	5-METHYL-5-PHENYL-2-HEXANONE	14120611	C13. H18. O1	190
982	.BETA.,.BETA.,3,4-TETRAMETHYLBENZENEPROPANOIC ACID	55583108	C13. H18. O2	206
983	2,2-DIMETHYLPROPANOIC ACID,2,4,6-TRIMETHYLPHENYL ESTER	54644405	C14. H20. O2	220
984	6-UNDECANONE	927491	C11. H22. O1	170
985	2,6-DIMETHYLCYCLOHEXANOL	5337724	C8 . H16. O1	128
986	HEXAHYDRO-3-(2-PROPENYL)-2H-AZEPIN-2-ONE	29559340	C9 . H15. N1 . O1	153
987	1(2,6-DIHYDROXY-4-METHOXYPHENYL)ETHANONE	7507893	C9 . H10. O4	182
988	%.ALPHA.-HYDROXY-BENZENE ACETIC ACID	90642	C8 . H8 . O3	152
989	(2-CHLORO-2-PROPENYL)OXYBENZENE	53299539	C9 . H9 . O1 .CL1	168
990	1-(ETHENYLOXY)-DECANE	765059	C12. H24. O1	184

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
991	.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE ACETIC ACID	515300	C9 . H10. O3	166
992	4-BUTYL-1,3-CYCLOPENTANEDIONE	54244723	C9 . H14. O2	154
993	2-HYDOXY-3-METHYL-1,4-NAPHTHALENEDIONE	483556	C11. H8 . O3	188
994	4-ISOBUTYLTOLUENE	5161046	C11. H16	148
995	X5-METHYL-1,3-BENZENEDIOL	504154	C7 . H8 . O2	124
996	3-METHYLPENTANEDIOIC ACID, DIBUTYL ESTER	56051606	C14. H26. O4	258
997	7-METHYL-7-HEPTADECANOL	55723938	C18. H38. O1	270
998	CHLOROCYCLOHEXANE	542187	C6 . H11.CL1	118
999	1-PHENYLNAPHTHALENE	605027	C16. H12	204
1000	2-PHENYLNAPHTHALENE	612942	C16. H12	204
1001	2-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	32367547	C12. H16	160
1002	X2-METHYL-9,10-ANTHRACENEDIONE	84548	C15. H10. O2	222
1003	4-METHYL-2,3 DIHYDRO-1H-INDENE	824226	C10. H12	132
1004	4-PHENYL-3-BUTEN-2-ONE	122576	C10. H10. O1	146
1005	2,4-DIMETHYL-1-(1-METHYLPROPYL) BENZENE	1483609	C12. H18	162
1006	4-ETHYLBENZENEMETHANOL	768592	C9 . H12. O1	136
1007	1,3-DIMETHYLNAPHTHALENE	575417	C12. H12	156
1008	(2-METHYL-1-PROPENYL) BENZENE	768490	C10. H12	132
1009	1,4-DIPROPYLBENZENE	4815570	C12. H18	162
1010	(1,1-DIMETHYLBUTYL) BENZENE	1985575	C12. H18	162
1011	XCYCLOPENTACYCLOHEPTENE	275514	C10. H8	128
1012	1-METHYL-9H-FLUORENE	1730376	C14. H12	180
1013	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	24156954	C8 . H12. O1	124
1014	OCTAHYDRO-1H-INDENE	496106	C9 . H16	124
1015	X$1,2-DIMETHYLBENZENE	95476	C8 . H10	106
1016	FORMIC ACID, BUTYL ESTER	592847	C5 . H10. O2	102
1017	IODOCYCLOHEXANE	626620	C6 . H11. I1	210
1018	2,2-DIMETHYLBUTANEDIOIC ACID	597433	C6 . H10. O4	146
1019	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN	36712286	C9 . H18. O1	142
1020	.4-HYDROXY-3-METHYL-2-(2-PROPENYL)-2-CYCLOPENTEN-1-ONE	551451	C9 . H12. O2	152
1021	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL)-2(1H)-NAPHTHALENONE	55332031	C15. H26. O1	222
1022	2,4-DIMETHYL-2-PENTANOL	625069	C7 . H16. O1	116
1023	1,3,3-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE	4695629	C10. H16. O1	152
1024	1,2-DIMETHYL-3-(1-METHYLETHENYL)CYCLOPENTANOL	4099074	C10. H18. O1	154
1025	4,8-DIMETHYL-7-NONEN-2-ONE	3664648	C11. H20. O1	168
1026	2-METHYL-1-PENTEN-3-ONE	25044013	C6 . H10. O1	98
1027	2,2-DIMETHYL-3,5-DECADIENE	55538501	C12. H22	166
1028	2,4,6-TRICHLOROBENZENAMINE	634935	C6 . H4 . N1 .CL3	195
1029	2,4-DIMETHYL HEXANOIC ACID	42329908	C8 . H16. O2	144
1030	1-ETHYL-3-METHYL BENZENE	620144	C9 . H12	120
1031	1,6-DIMETHYL-4-(1-METHYLETHYL)-NAPHTHALENE	483783	C15. H18	198
1032	1,2,3-TRIMETHYL BENZENE	526738	C9 . H12	120
1033	1-(3,3-DIMETHYLOXIRANYL)ETHANONE	4478631	C6 . H10. O2	114
1034	4,4-DIMETHYL-1,3-DIOXANE	766154	C6 . H12. O2	116
1035	X3,4-DICHLOROPHENOXYACETIC ACID	588227	C8 . H5 . O3 .CL2	220

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1036	DODECAMETHYLCYCLOHEXASILOXANE	540976	C12. H36. O6 .SI6	444
1037	X2,6-DIMETHYLNAPHTHALENE	581420	C12. H12	156
1038	X1-CHLORO-2-NITROBENZENE	88733	C6 . H4 . N1 . O2 .CL1	157
1039	X1,3,5-TRIMETHYL BENZENE	108678	C9 . H12	120
1040	1-(DICHLOROMETHYL)-4-ETHYLBENZENE	54789296	C9 . H10.CL2	188
1041	1,1-DIBUTOXY-BUTANE	5921882	C12. H26. O2	202
1042	(Z)-9-OCTADECENAMIDE	301020	C18. H35. N1 . O1	281
1043	X*PHOSPHORIC ACID, TRIPHENYL ESTER	115866	C18. H15. O4 . P1	326
1044	3,3,5-TRIMETHYLCYCLOHEXANONE	873949	C9 . H16. O1	140
1045	1-(4-(1-METHYLETHYL)PHENYL)-ETHANONE	645136	C11. H14. O1	162
1046	2-METHYL-3-OXOHEXANOIC ACID, ETHYL ESTER	29304403	C9 . H16. O3	172
1047	1,2-BENZENEDICARBOXYLIC ACID, DIPENTYL ESTER	131180	C18. H26. O4	306
1048	4,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE	18292985	C10. H16. O1	152
1049	X*1-CHLORO-2-METHYLBENZENE	95498	C7 . H7 .CL1	126
1050	1,1,2,3-TETRACHLOROPROPANE	18495302	C3 . H4 .CL4	180
1051	3-HEPTANONE	106354	C7 . H14. O1	114
1052	X1-(3-AMINOPHENYL)ETHANONE	99036	C8 . H9 . N1 . O1	135
1053	2-CHLOROPROPANOIC ACID	598787	C3 . H5 . O2 .CL1	108
1054	2,3-DIMETHYL-2-PENTANOL	4911708	C7 . H16. O1	116
1055	3-CHLORO-2-METHYL-1-BUTENE	5166358	C5 . H9 .CL1	104
1056	2,3-DICHLORO-2-METHYLPROPANAL	18141227	C4 . H6 . O1 .CL2	140
1057	1-CHLORO-3-(CHLOROMETHYL)BENZENE	620202	C7 . H6 .CL2	160
1058	1,4-DIHYDRO-1-METHYL-4-OXONICOTINONITRILE	767986	C7 . H6 . N2 . O1	134
1059	2,4,4-TRIMETHYL-2-PENTENAL	53387612	C8 . H14. O1	126
1060	1-METHYL-4-(1-METHYLETHYL)-1,2-CYCLOHEXANEDIOL	33669760	C10. H20. O2	172
1061	X3-METHYL-1-BUTANOL ACETATE	123922	C7 . H14. O2	130
1062	2-METHYL-2-BUTENAL	497030	C5 . H8 . O1	84
1063	TRIMETHYLOXIRANE	5876197	C5 . H10. O1	86
1064	1-HYDROXY-3-METHYL-2-BUTANONE	36960222	C5 . H10. O2	102
1065	CIS-2,3-EPOXYHEXANE	6124909	C6 . H12. O1	100
1066	2,4-DIMETHYLPENTANAL	27944792	C7 . H14. O1	114
1067	1,1#-OXYBISCYCLOHEXANE	4545152	C12. H22. O1	182
1068	3-ETHYL-2,2-DIMETHYLOXIRANE	1192229	C6 . H12. O1	100
1069	4-HYDROXY-3-METHYL-2-BUTANONE	3393644	C5 . H10. O2	102
1070	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE	21293827	C12. H22	166
1071	3-HYDROXYBENZALDEHYDE	100834	C7 . H6 . O2	122
1072	2,2-DIETHOXYETHANOL	621636	C6 . H14. O3	134
1073	6-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	22531200	C12. H16	160
1074	2-HYDROXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE	35692989	C9 . H12. O3	168
1075	3,3-DICHLORO-2-PROPENOIC ACID	1561202	C3 . H2 . O2 .CL2	140
1076	3-HYDROXYCAPRIC ACID	14292263	C10. H20. O3	188
1077	1-(2-PROPENYL)NAPHTHALENE	2489863	C13. H12	168
1078	2-METHYLFURAN	534225	C5 . H6 . O1	82
1079	N-PHENYL ACETAMIDE	103844	C8 . H9 . N1 . O1	135
1080	N,N-DIMETHYLBENZYLAMINE	103833	C9 . H13. N1	135

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1081	4,7,10-TRIMETHYL-2,5,8,11-TETRAOXATETRADECAN-13-OL	28324349	C13. H28. O5	264
1082	4-CHLORO-2-BUTENOIC ACID (GEOMETRY UNKNOWN)	16197303	C4 . H5 . O2 .CL1	120
1083	1,3-BIS(1-METHYLPROPYL)BENZENE	1379969	C14. H22	190
1084	1,4-BIS(1-METHYLPROPYL)BENZENE	1014411	C14. H22	190
1085	X2-METHYL-2-PHENYLOXIRANE	2085883	C9 . H10. O1	134
1086	6,6-DIMETHYL-2,5,10-UNDECANETRIONE	50464965	C13. H22. O3	226
1087	2-METHYL-2-CYCLOPENTEN-1-ONE	1120736	C6 . H8 . O1	96
1088	3,4-DIMETHYLBENZALDEHYDE	5973717	C9 . H10. O1	134
1089	$ETHYLBENZENE	100414	C8 . H10	106
1090	3-BROMOHEPTANE	1974056	C7 . H15.BR1	178
1091	N-BENZOYL-L-ALANINE, METHYL ESTER	7244679	C11. H13. N1 . O3	207
1092	1,1,2-TRICHLORO-1-PROPENE	21480259	C3 . H3 .CL3	144
1093	2-ETHYL-3-OXOBUTANOIC ACID	4433856	C6 . H10. O3	130
1094	5-METHYL-3-HEXEN-2-ONE	5166530	C7 . H12. O1	112
1095	4,4-DIMETHYLHEXANAL	5932912	C8 . H16. O1	128
1096	TETRAHYDRO-2H-PYRAN-2-ONE	542289	C5 . H8 . O2	100
1097	2-DECANOL	1120865	C10. H22. O1	158
1098	2,5-DICHLORO-4-METHYLBENZOIC ACID	21460888	C8 . H6 . O2 .CL2	204
1099	1-NAPHTHALENECARBOXYLIC ACID	86555	C11. H8 . O2	172
1100	2-CHLORO-3-METHYL-2-BUTENE	17773658	C5 . H9 .CL1	104
1101	**$PENTACHLOROBIPHENYL + OTHER PCBS	800	C12. H5 .CL5	324
1102	2,4-DICHLOROPENTANE	625672	C5 . H10.CL2	140
1103	3,6-DIMETHYL-3-HEPTANOL	1573288	C9 . H20. O1	144
1104	1-ETHOXY-2-HEPTANONE	51149703	C9 . H18. O2	158
1105	3-CYCLOHEXYL-4-PENTEN-2-ONE	55702548	C11. H18. O1	166
1106	3-METHYL-1,2,4-CYCLOPENTANETRIONE	4505548	C6 . H6 . O3	126
1107	3-ETHOXYPROPANAL	2806851	C5 . H10. O2	102
1108	1-(1-CYCLOHEPTEN-1-YL)ETHANONE	14377118	C9 . H14. O1	138
1109	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE	17663273	C12. H22. O2	198
1110	X3,7-DIMETHYL-6-OCTEN-1-OL	106229	C10. H20. O1	156
1111	3-ETHYL-4-METHYL-3-PENTEN-2-ONE	22287112	C8 . H14. O1	126
1112	4,4-DIMETHYLCYCLOHEXENE	14872867	C8 . H14	110
1113	1-NITRO-2-OCTANONE	16867819	C8 . H15. N1 . O3	173
1114	~~2,3,3-TRIMETHYLHEXANE~~	~~16747287~~	~~C9 . H20~~	~~128~~
1115	5,5-DIETHOXY-3-PENTYN-2-ONE	55402045	C9 . H14. O3	170
1116	3-(2-PROPENYL)-2,4-PENTANEDIONE	3508789	C8 . H12. O2	140
1117	2,2-DIMETHYL-3-PROPYLOXIRANE	17612350	C7 . H14. O1	114
1118	7-METHYL-3-OCTEN-2-ONE	33046818	C9 . H16. O1	140
1119	5-METHYL-2-(1-METHYLETHYL)CYCLOHEXANOL ACETATE	16409453	C12. H22. O2	198
1120	3-METHYL-3-DECEN-2-ONE	54411039	C11. H20. O1	168
1121	2,2#-(METHYLENEBIS(OXY))BIS-BUTANE	2568925	C9 . H20. O2	160
1122	9H-XANTHENE	92831	C13. H10. O1	182
1123	6-DODECANOL	6836368	C12. H26. O1	186
1124	2-METHYL-2-HEXANOL	625238	C7 . H16. O1	116
1125	5-METHYL-3-METHYLENE-2-HEXANONE	1187877	C8 . H14. O1	126

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1126	CYCLODECANOL	1502052	C10. H20. O1	156
1127	1-(ETHENYLOXY)PENTANE	5363633	C7 . H14. O1	114
1128	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE	20585454	C8 . H14. O1	126
1129	BENZENEBUTANAL	18328115	C10. H12. O1	148
1130	CIS-5-BUTYLDIHYDRO-4-METHYL-2(3H)-FURANONE	55013326	C9 . H16. O2	156
1131	2,6-BIS(1-METHYLETHYL)PHENOL	2078548	C12. H18. O1	178
1132	2,6,10-TRIMETHYL-2,6,9,11-DODECATETRAENAL	4955322	C15. H22. O1	218
1133	3A,4,5,7A-TETRAHYDRO-4-HYDROXY-3A,7A-DIMETHYL-1(3H)-ISOBENZOFURANONE	54346064	C10. H14. O3	182
1134	CYANIC ACID, BUTYL ESTER	1760247	C5 . H9 . N1 . O1	99
1135	5-METHYL-3-HEPTANONE	541855	C8 . H16. O1	128
1136	3,8-NONADIEN-2-ONE	55282901	C9 . H14. O1	138
1137	3A,4,7,7A-TETRAHYDRO-2-PROPYL-1H-ISOINDOLE	2021207	C11. H15. N1 . O2	193
1138	2-HEXEN-1-OL	249189	C8 . H14. O2	142
1139	ISOCYANOETHANE	624793	C3 . H5 . N1	55
1140	4-PENTEN-2-OL	625310	C5 . H10. O1	86
1141	3-CHLORO-3-BUTEN-2-ONE	683705	C4 . H5 . O1 .CL1	104
1142	[2-(PENTYLOXY)ETHYL]CYCLOHEXANE	54852754	C13. H26. O1	198
1143	2,4-BIS(1,1-DIMETHYLETHYL)PHENOL	96764	C14. H22. O1	206
1144	2-CHLORO-2-PROPENOIC ACID	598798	C3 . H3 . O2 .CL1	106
1145	2,4-DIHYDROXYBENZOIC ACID	89861	C7 . H6 . O4	154
1146	X4-NITROBENZOIC ACID	62237	C7 . H5 . N1 . O4	167
1147	~~HEPTANE~~	~~142825~~	~~C7 . H16~~	~~100~~
1148	TETRAHYDRO-2-FURANMETHANOL	97994	C5 . H10. O2	102
1149	5,6,7,7A-TETRAHYDRO-6-HYDROXY-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	1133035	C11. H16. O3	196
1150	X**$FLUORANTHENE	206440	C16. H10	202
1151	HEPTADECANOIC ACID, METHYL ESTER	1731936	C18. H36. O2	284
1152	X1-PHENYL-1-PROPANONE	93550	C9 . H10. O1	134
1153	(1-NITROETHYL)BENZENE	7214611	C8 . H9 . N1 . O2	151
1154	2,3,4,5-TETRACHLOROBENZENAMINE	534833	C6 . H3 . N1 .CL4	229
1155	2-METHYL-1-NAPHTHALENOL	7469774	C11. H10. O1	158
1156	2,3-DICHLOROBUTENE	7581977	C4 . H8 .CL2	126
1157	1-BROMO-2-CHLORO-2-BUTENE	54410843	C4 . H5 .BR1 .CL1	168
1158	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE	94995	C7 . H5 .CL3	194
1159	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE	102476	C7 . H5 .CL3	194
1160	X+9H-FLUORENE	86737	C13. H10	166
1161	1-BROMO-4-METHYLBENZENE	106387	C7 . H7 .BR1	170
1162	1,2-DICHLORO-3-NITROBENZENE	3209221	C6 . H3 . N1 . O2 .CL2	191
1163	2-CHLORO-1-METHYL-4-(1-METHYLETHYL)BENZENE	4395793	C10. H13.CL1	168
1164	2-CHLORO-1-(4-ETHYLPHENYL)-2-METHYL-1-PROPANONE	55012696	C12. H15. O1 .CL1	210
1165	X*$1A,2A,3B,4A,5A,6B-HEXACHLOROCYCLOHEXANE	58899	C6 . H6 .CL6	288
1166	DICHLOROACETIC ACID, METHYL ESTER	116541	C3 . H4 . O2 .CL2	142
1167	XCARBAMICACID, ETHYLESTER	51796	C3 . H7 . N1 . O2	89
1168	4-CHLOROPHENYL ACETIC ACID, METHYL ESTER	34040647	C9 . H9 . O2 .CL1	184
1169	12-METHYLTETRADECANOIC ACID, METHYL ESTER	5129668	C16. H32. O2	242
1170	P-CHLORO-2-NITHROANILINE	89634	C6 . H5 . O2	172

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1171	2,4-DICHLOROPHENOXYACETIC ACID, ETHYL ESTER	54571499	C10. H10. O3 .CL3	248
1172	2-OXO-PENTANEDIOIC ACID	328507	C5 . H5 . O5	146
1173	1-(3-METHYLOXIRANYL)ETHANONE	17257793	C5 . H8 . O2	100
1174	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211	C8 . H12. O1	124
1175	X1,2-ETHANEDIOL	107211	C2 . H6 . O2	62
1176	4-METHYLPYRIDINE	108894	C6 . H7 . N1	93
1177	2,5-DIMETHYLPYRIDINE	589935	C7 . H9 . N1	107
1178	2,3,6-TRIMETHYLPYRIDINE	1462846	C8 . H11. N1	121
1179	5-ETHYL-2-METHYL-PYRIDINE	104905	C8 . H11. N1	121
1180	2,3,4-TRIMETHYLPYRIDINE	2233296	C8 . H11. N1	121
1181	2,4,5-TRIMETHYLPYRIDINE	1122390	C8 . H11. N1	121
1182	2-ETHYL-6-METHYLPYRIDINE	1122696	C8 . H11. N1	121
1183	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17429297	C9 . H14. O1	138
1184	XQUINOLINE	91225	C9 . H7 . N1	129
1185	X2-METHYLQUINOLINE	91634	C10. H9 . N1	143
1186	1,1'-OXYBIS-2-PROPANOL	110985	C6 . H14. N3	134
1187	2-(.-METHYL-2-PIPERIDINYL)-PYRIDINE	19730042	C11. H16. N2	176
1188	ABIETIC ACID	624	C20. H30. O2	302
1189	10-OCTADECENOIC ACID, METHYL ESTER	13038454	C19. H36. O2	296
1190	9,11-OCTADECADIENOIC ACID, METHYL ESTER	13038476	C19. H34. O2	294
1191	ACETIC ACID, 3-METHOXYPHENYL ESTER	1024	C9 . H10. O3	166
1192	1,2,3,4-TETRAHYDRO-2-METHYL NAPHTHALENE	3877198	C11. H14	146
1193	4-METHYLPHENANTHRENE	832644	C15. H12	192
1194	3-METHYL-1H-INDENE	767602	C10. H10	130
1195	DIMETHYL NAPHTHALENE	300	C12. H12	156
1196	3-ETHOXYPROPIONITRILE	2141620	C5 . H9 . N1 . O1	99
1197	(2-PHENYLETHYL)ACETATE	103457	C10. H12. O2	164
1198	2-XYLYLETHANOL	27577964	C10. H14. O1	150
1199	BENZENEACETALDEHYDE, APLHA-PHENYL	947911	C14. H12. O1	196
1200	4-OCTANONE	589639	C8 . H16. O1	128
1201	3-BUTEN-2-OL	598323	C4 . H8 . O1	72
1202	1-ETHENYL-2-ETHYLBENZENE	7564638	C10. H12	132
1203	1-HEPTADECENE	6765395	C17. H34	238
1204	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	1123097	C8 . H12. O1	124
1205	DODECANAMIDE	1120167	C12. H25. N1 . O1	199
1206	2,3-DIMETHYL BENZOIC ACID, METHYL ESTER	15012369	C10. H12. O2	164
1207	11-OCTADECENOIC ACID,METHYL ESTER	52380333	C19. H36. O2	296
1208	9,12,15-OCTADECATRIENOIC ACID METHYL ESTER	301008	C19. H32. O2	292
1209	XN,4-DIMETHYLBENZENESULFONAMIDE	640619	C8 . H11. N1 . O2 . S1	185
1210	3-METHYL-1-PENTANOL	589355	C6 . H14. O1	102
1211	X1-METHYL-4-(1-METHYLETHYL)BENZENE	99876	C10. H14	134
1212	4-PHENYLPENTANOIC ACID	16433435	C11. H14. O2	178
1213	BENZOFURAN	271896	C8 . H5 . O1	118
1214	X1,1'-OXYBISBENZENE	101848	C12. H10. O1	170
1215	*1-ETHENYL-2-METHYLBENZENE	611154	C9 . H10	118

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1216	3,5,5-TRIMETHYL-3-CYCLOHEXEN-1-ONE	471012	C9 . H14. O1	138
1217	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	28790865	C8 . H12. O1	124
1218	1,6-DIMETHYLNAPHTHALENE	575439	C12. H12	156
1219	4-PHENYLBICYCLOHEXYL	28273272	C18. H26	242
1220X*+	$HEXACHLOROBENZENE	118741	C6 .CL6	282
1221	X3,5-DICHLOROPHENOL	591355	C6 . H4 . O1 .CL2	162
1222	1-ETHYL-2-METHYLBENZENE	611143	C9 . H12	120
1223	4,7-DIMETHYLBENZOFURAN	28715266	C10. H18. O1	146
1224	1,3,6-TRIMETHYLNAPHTHALENE	3031081	C13. H14	170
1225	6-METHYL-3,5-HEPTADIEN-2-ONE	16647044	C8 . H12. O1	124
1226	2-METHYLCYCLOPENTANONE	1120725	C6 . H10. O1	98
1227	1-ACETYLPIPERIDINE	618428	C7 . H13. N1 . O1	127
1228	5-ETHENYLTETRAHYDRO-.ALPHA.,.ALPHA.,5-TRIMETHYL-2-FURANMETHANOL	5989333	C10. H18. O2	170
1229	2,4,5,7-TETRAMETHYLPHENANTHRENE	7396385	C18. H18	234
1230	4-HEPTANOL	589559	C7 . H16. O1	116
1231	X2-METHOXYPHENOL	90051	C7 . H8 . O2	124
1232	8-NONENOIC ACID	31642678	C4 . H16. O2	156
1233	1-METHOXYNAPHTHALENE	2216695	C11. H10. O1	158
1234	3,3,4-TRIMETHYLDECANE	49522186	C13. H28	184
1235	2-OCTYL PHENOL	949133	C14. H22. O1	206
1236	1,3,5-TRICHLORO-2-METHOXYBENZENE	87481	C7 . H5 . O1 .CL3	210
1237	DIMETHYLNAPHTHALENE	301	C12. H12	156
1238	4-BUTOXYBUTANOIC ACID, METHYL ESTER	29006062	C9 . H18. O3	174
1239	*PHOSPHORIC ACID, TRIS(3-METHYLPHENYL) ESTER	563042	C21. H21. O4 . P1	368
1240	5-METHYL-2-PYRIDINEAMINE	1603414	C6 . H8 . N2	108
1241	TRANS-2-ETHYL-3-PROPYLOXIRANE	56052958	C7 . H14. O1	114
1242	PENTACHLOROPYRIDINE	2176627	C5 . N1 .CL5	249
1243	2,3,4-TRIMETHYLOXETANE	53778613	C6 . H12. O1	100
1244	2,5-DIMETHYLTETRAHYDROFURAN	1003389	C6 . H12. O1	100
1245	4-BROMO-3-PHENYLSYDNONE	13183090	C8 . H5 . N2 . O2 .BR1	240
1246	3,8-DIMETHYL-5-(1-METHYLETHYL)-1,2-NAPHTHALENEDIONE	5574345	C15. H16. O2	228
1247	CHLORODODOMETHANE	593715	C1 . H2 .CL1 . I1	176
1248	1-METHYL-4-(1-METHYLETHENYL)-CYCLOHEXENE	138863	C10. H16	136
1249	1-(2-BROMOETHYL)-4-CHLOROBENZENE	6529539	C8 . H8 .BR1 .CL1	218
1250	3,4,5,6-TETRAMETHYLPHENANTHRENE	7343868	C18. H18	234
1251	(2-BROMOCYCLOPROPYL)BENZENE	36617024	C9 . H9 .BR1	196
1252	OCTAHYDROAZOCINE	1121922	C7 . H15. N1	113
1253	3-METHYL-6-(1-METHYLETHYL)-2-CYCLOHEXEN-1-ONE	99816	C10. H16. O1	152
1254	3-(4-METHYLPHENYL)-2-PROPENOIC ACID	1866393	C10. H10. O2	162
1255	N-HEXYLBUTANAMIDE	10264172	C10. H21. N1 . O1	171
1256	4H-PYRAN-4-ONE	108974	C5 . H4 . O2	96
1257	2-CYCLOHEXEN-1-OL	822673	C6 . H10. O1	98
1258	5-DECANONE	928291	C10. H20. O1	156
1259	3,3-DIMETHYL-2-HEXANONE	26118387	C8 . H16. O1	128
1260	4-METHYLHEXANAL	41865978	C7 . H14. O1	114

(continued)

TABLE 23. (continued)

	SYSTENATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1261	1-VALERYLPYRROLIDINE	4419572	C9 . H17. N1 . O1	155
1262	1-ETHYL-2,5-PYRROLIDINEDIONE	2314785	C6 . H9 . N1 . O2	127
1263	2-PROPYLPIPERIDINE (S)	458888	C8 . H17. N1	127
1264	ACETIC ACID, HEPTYL ESTER	112061	C9 . H18. O2	158
1265	~~PHOSPHORIC ACID~~	~~2000~~	~~H3 . O4 . P1~~	~~98~~
1266	2-ETHYLPENTANOIC ACID	2885	C7 . H14. O2	130
1267	1,5-DIPHENYL-3-PENTANONE	5396918	C17. H18. O1	238
1268	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE	24835585	C20. H28. O1	284
1269	4,6-DIMETHYLNONANOIC ACID	19943716	C11. H22. O2	186
1270	DIMETHYLFLUORENE	4612639	C15. H14	194
1271	1,2,3,4-TETRACHLOROBUTANE	3405688	C4 . H6 .CL4	194
1272	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE	3883587	C7 . H10. O2	126
1273	5-DODECANONE	19788188	C12. H24. O1	184
1274	X2,6-DIMETHYLQUINOLINE	877438	C11. H11. N1	157
1275	TETRAPROPYLENE GLYCOL	1378	C12. H26. O3	250
1276	N-ETHYL-2-BENZOTHIAZOLAMINE	28291692	C9 . H10. N2 . F1	178
1277	DIMETHYLCYCLOHEXANE DIONE	126818	C8 . H12. O2	140
1278	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	144194	C8 . H18. O2	144
1279	2,2,5,7-TETRAMETHYL-4,5-OCTADIENE-3-ONE	19377978	C12. H20. O1	186
1280	1,2-DIAZABICYCLO(2.2.2.)OCTAN-3-ONE	1632264	C6 . H10. N2 . O1	126
1281	2-METHOXY-10-UNDECENOIC ACID	214	C12. H22. O3	214
1282	1-HEXADECENE	629732	C16. H32	224
1283	1-OCTADECENE	112889	C18. H36	252
1284	1-PROPOXY-2-PROPANOL	1569813	C6 . H14. O2	118
1285	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE	115673	C6 . H9 . N1 . O3	143
1286	BROMOCHLOROBENZOIC ACID	25638146	C7 . H4 . O2 .BR1 .CL1	234
1287	16-HYDROXY PALMITIC ACID	506138	C16. H32. O3	272
1288	(P-AMINOPHENYL)-T-BUTYRIC ACID	15118682	C10. H13. N1 . O2	179
1289	5-ETHYL-2,4,6-PYRIMIDINETRIONE	2518721	C6 . H8 . N2 . O3	156
1290	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL	16049117	C10. H18. O2	170
1291	5,5-DIMETHYLFURANONE	137	C6 . H8 . O2	140
1292	5-HEPTEN-2-ONE	6714087	C7 . H12. O1	112
1293	N-METHYL-2-PIPERIDINONE	931204	C6 . H11. N1 . O1	113
1294	3,4-DIMETHYL-3-PENTEN-2-ONE	684946	C7 . H12. O1	112
1295	CYCLOHEXYL BENZENE	827521	C12. H16	160
1296	PENTANOIC ACID,ETHYL ESTER	539822	C7 . H14. O2	130
1297	XHEXANOIC ACID, ETHYL ESTER	123660	C8 . H16. O2	144
1298	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	54789150	C14. H22	190
1299	1,1#-(1,2-ETHANEDIYL)BIS-BENZENE	103297	C14. H14	182
1300	DIETHYL METHYL BENZENE	25598134	C11. H16	148
1301	DECAHYDRO-1,6-DIMETHYLNAPHTHALENE	1758512	C12. H22	166
1302	X3-METHYLISOQUINOLINE	1125888	C10. H7 . N1	143
1303	4-METHYL CYCLOHEXANE CARBOXYLIC ACID	4331548	C8 . H14. O2	142
1304	1,4-DIMETHYL-2-(2-METHYLPROPYL) BENZENE	95669888	C12. H18	162
1305	5-METHYL-2-FURANCARBOXALDEHYDE	620028	C6 . H6 . O2	110

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1306	1,1-DIMETHYL-1H-INDENE	18636558	C11. H12	144
1307	2-PENTENOIC ACID	626982	C5 . H8 . O2	100
1308	2-(3-CHLOROPHENOXY)-2-METHYLPROPANOIC ACID	17413739	C10. H11. O3 .CL1	214
1309	7-OXO-OCTANOIC ACID	14112982	C8 . H14. O3	158
1310	1,2,3,3A-TETRAHYDRO AZULENE	33677871	C10. H12	132
1311	~~2,6-DIMETHYLOCTANE~~	~~2051301~~	~~C10. H22~~	~~142~~
1312	6-METHYL-BICYCLO[4.1.0]HEPTAN-2-ONE	1484541	C8 . H12. O1	124
1313	X2-FURANCARBOXALDEHYDE	98011	C5 . H4 . O2	96
1314	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE	42328438	C7 . H14. O1	114
1315	XSULFUROUS ACID,DIETHYL ESTER	623814	C4 . H10. O3 . S1	138
1316	~~(1+)ALPHA,2-ALPHA,4-BETA)-1,2,4-TRIMETHYL-CYCLOHEXANE~~	~~7667552~~	~~O2 . H10~~	~~126~~
1317	3-(1-METHYLETHYL)-2,4-PENTADIONE	1540381	C8 . H14. O1	142
1318	TRANS-2-METHYL-5-(1-METHYLETHYL)-CYCLOHEXANONE	499787	C10. H18. O1	154
1319	2-BUTYL-2-OCTENAL	13019164	C12. H22. O1	182
1320	3,3-DIMETHYL-2(3H)-FURANONE	13524760	C10. H18. O2	162
1321	3-(BENZOLOXY)-2,4-PENTANEDIONE	4620477	C12. H12. O4	220
1322	2-2-DIMETHYLHEXANEDIOIC ACID,DIMETHYL ESTER	17219215	C10. H18. O4	202
1323	CHLOROETHENE	75014	C2 . H3 .CL1	62
1324	X(E)-2-BUTENOIC ACID	3724650	C4 . H5 . O2	86
1325	3-PENTENOIC ACID	5204648	C5 . H8 . O2	100
1326	XETHANEDIOIC ACID	144627	C2 . H2 . O4	90
1327	1-ETHYL-2,3-DIMETHYL BENZENE	933982	C10. H14	134
1328	(1-ETHYL-2-PROPENYL)-BENZENE	19947229	C11. H14	146
1329	2-ETHENYL-1,3-DIMETHYLBENZENE	2039909	C10. H12	132
1330	BIS(3-METHYLPHENYL)METHANONE	2952688	C15. H14. O1	210
1331	CIS-2,3-DIHYDRO-2-METHYL-1H-INDENE-1,2-DIOL	56568400	C10. H12. O2	164
1332	2,3-DIHYDRO-3,3-DIMETHYL-1H-INDEN-1-OL	36393929	C11. H14. O1	162
1333	1-(1-CYCLOHEXEN-1-YL)ETHANONE	932661	C8 . H12. O1	124
1334	M-MENTH-1(7)-ENE,(R)-(-)	13837713	C10. H18	138
1335	1,7-DIHYDRO-2-(METHYLAMINO)-6H-PURIN-6-ONE	10030781	C6 . H7 . N5 . O1	165
1336	1-PROPENYLBENZENE	637503	C9 . H10	118
1337	2(3H)-BENZOTHIAZOLONE	934349	C7 . H5 . N1 . O1 . S1	151
1338	X4-METHYLQUINOLINE	491350	C10. H9 . N1	143
1339	1-(3,4-DIHYDROXYPHENYL)ETHANONE	1197097	C8 . H8 . O3	152
1340	TRANS-3-METHYL-3-PENTENOIC ACID	41653934	C6 . H10. O2	114
1341	2-HYDROXY-3-METHYLBENZOIC ACID	83409	C8 . H8 . O3	152
1342	2-ETHYLPHENOL	90006	C8 . H10. O1	122
1343	1,2,3,4-TETRAHYDRO-2,3-DIMETHYLNAPHTHALENE	21564921	C12. H16	160
1344	OCTYL BENZENE	2189608	C14. H22	190
1345	2,4,5-TRIMETHYLBENZALDEHYDE	5779726	C10. H12. O1	148
1346	1-METHYL-3-(2-PHENYLETHENYL)BENZENE	14864483	C15. H14	194
1347	2-METHYL-3-HEXANOL	617298	C7 . H16. O1	116
1348	DIPHENYLETHANEDIONE	134816	C14. H10. O2	210
1349	2-[1-(2-METHOXYETHOXY)ETHOXY]ETHANOL	1017	C7 . H16. O4	164
1350	1,1,2,3,3-PENTACHLOROPROPANE	15104617	C3 . H3 .CL5	214

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1351	5-METHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	2809645	C11. H14	146
1352	2-PROPYLHEPTANOIC ACID	31080394	C10. H20. O2	172
1353	2-(1-METHYLETHYL)BENZOIC ACID	2438842	C10. H12. O2	164
1354	1-METHYL-2-CYCLOHEXEN-1-OL	23750272	C7 . H12. O1	112
1355	4-ETHYLPYRIDINE	536754	C7 . H9 . N1	107
1356	X1,3,6-TRIMETHYL-2,4(1H,3H)-PYRIMIDINEDIONE	13509529	C7 . H10. N2 . O2	154
1357	XDECANAL	112312	C10. H20. O1	156
1358	1-(3,4-DIMETHOXYPHENYL)ETHANONE	1131628	C10. H12. O3	180
1359	2-METHYL-3-PENTANONE	565695	C6 . H12. O1	100
1360	2-ETHYL PENTANOIC ACID	20225245	C7 . H14. O2	132
1361	~~UNDECANE~~	~~1120214~~	~~C11. H24~~	~~156~~
1362	1-ETHYL-3,5-DIMETHYL BENZENE	934747	C10. H14	134
1363	4-ETHYL-1,2-DIMETHYL BENZENE	934805	C10. H14	134
1364	1,2,3,5-TETRAMETHYL BENZENE	527537	C10. H14	134
1365	2,3-DIHYDRO-1,2-DIMETHYL-1H-INDENE	17057828	C11. H14	146
1366	X1,4-DIMETHYLNAPHTHALENE	571584	C12. H12	156
1367	1-CHLORO-4-NITROBENZENE	100005	C6 . H4 . N1 . O2 .CL1	157
1368	2,3,6-TRIMETHYLNAPHTHALENE	829265	C13. H14	170
1369	1,6,7-TRIMETHYLNAPHTHALENE	2245387	C13. H14	170
1370	5-CHLORO-2-METHYLBENZOFURAN	42180825	C7 . H7 . O1 .CL1	166
1371	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (Z)	26130847	C16. H18	210
1372	CHLOROFLUOROBENZENE (ISOMER UNKNOWN)	55256172	C6 . H4 .CL1 . F1	130
1373	1,1,3-TRICHLORO-2-METHYL-1-PROPENE	31702337	C4 . H5 .CL3	158
1374	PENTACHLOROBENZENE	608935	C6 . H1 .CL5	248
1375	2-(1,1-DIMETHYLETHYL)NAPHTHALENE	2876359	C14. H16	184
1376	~~DECYLCYCLOHEXANE~~	~~1795160~~	~~C16. H32~~	~~224~~
1377X*	1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO-4,7-METHANOINDENE	76448	C10. H5 .CL7	370
1378	NITROCYCLOHEXANE	1122607	C6 . H11. N1 . O2	129
1379	2,6-DIMETHYLCYCLOHEXANONE	2816571	C8 . H14. O1	126
1380	METHOXYCYCLOHEXANE	931566	C7 . H14. O1	114
1381	1-ETHYL-4-METHYL BENZENE	622968	C9 . H12	120
1382	3-HYDROXY-2-BUTANONE	513860	C4 . H8 . O2	88
1383	2-METHYL-2-(1-METHYLETHYL)-1,3-DIOXOLANE	4405167	C7 . H14. O2	130
1384	DIMETHYL-(1-METHYLETHYL)BENZENE	103	C11. H16	148
1385	2,2'METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL)	119471	C23. H32. O2	340
1386	DIMETHYL INDAN	515	C11. H14	146
1387	2,4,6-TRIMETHYLBENZALDEHYDE	487683	C10. H12. O1	148
1388	3-METHOXYBENZALDEHYDE	591311	C8 . H5 . O2	136
1389	DIBROMOCYCLOHEXENE	8895	C6 . H8 .BR2	238
1390	1-METHYL-3-(1-METHYLETHYL)BENZENE	535773	C10. H14	134
1391	3-METHYL-2-OXOPENTANOIC ACID	1460340	C6 . H10. O3	130
1392	5-HEXENOIC ACID	1577226	C6 . H10. O2	114
1393	3,3-DIMETHYLBUTYNE	917920	C6 . H10	82
1394	3-METHYL-2-BUTANOL	598754	C5 . H12. O1	88
1395	7-OCTEN-4-OL	53907725	C8 . H16. O1	128

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1396	CIS-2-METHYLCYCLOPENTANOL ACETATE	48991933	C8 . H14. O2	142
1397	2,4-BIS(1-METHYLETHYL)PHENOL	2934056	C12. H18. O1	178
1398	4-HYDROXYBENZENEACETIC ACID, ETHYL ESTER	17130282	C10. H12. O3	180
1399	2-(2-(2-PHENOXYETHOXY)ETHOXY)ETHANOL	7204162	C12. H18. O4	226
1400	2-ETHYL-3-PROPYLOXIRANE	53897328	C7 . H14. O1	114
1401	N,N#-BIS(1,1-DIMETHYL)UREA	5336243	C9 . H20. N2 . O1	172
1402	1-(1-ETHYLPROPYL)-4-METHYLBENZENE	22975582	C12. H18	162
1403	2-METHYL-1-DODECANOL	57289266	C13. H28. O1	200
1404	2-METHYLENE-1-BUTANOL ACETATE	55670892	C7 . H12. O2	128
1405	TETRAHYDRO-2-FURANMETHANOL ACETATE	637649	C7 . H12. O3	144
1406	5-METHOXY-2-PENTANONE	17429048	C6 . H12. O2	116
1407	5-(ACETYLOXY)-2-PENTANONE	5185977	C7 . H12. O3	144
1408	2,3-DIMETHYL-2,3-BUTANEDIOL	76095	C6 . H14. O2	118
1409	1,1-DIMETHOXYCYCLOHEXANE	933484	C8 . H16. O2	144
1410	3,6-DIHYDRO-4,5-DIMETHYL-2H-PYRAN-2-CARBOXYLIC ACID, METHYL ESTER	24588612	C9 . H14. O3	170
1411	5-NONANOL	623938	C9 . H20. O1	144
1412	1-(1,1-DIMETHYLETHOXY)-2-METHYLCYCLOHEXENE	40648268	C11. H20. O1	168
1413	1-(2-(1-METHYLETHYL)PHENYL)ETHANONE	21426S6	C11. H14. O1	162
1414	NONYLPHENOL	25154523	C15. H24. O1	220
1415	%2-FURANCARBOXYLIC ACID	88142	C5 . H4 . O3	112
1416	2-BUTENYLBENZENE	1560861	C10. H12	132
1417	5-HEXEN-2-ONE	109499	C6 . H10. O1	98
1418	SPIRO(5.6)DODECANE	181157	C12. H22	166
1419	1-PHENYL-1,2-PROPANEDIONE	579077	C9 . H8 . O2	148
1420	1-(BROMOMETHYL)-4-METHYLBENZENE	104814	C8 . H9 .BR1	184
1421	1-CHLORO-4-METHOXYBENZENE	623121	C7 . H7 . O1 .CL1	142
1422	1,2,4,5-TETRACHLOROBENZENE	95943	C6 . H2 .CL4	214
1423	(1-CHLOROETHYL)DIMETHYLBENZENE	54411211	C10. H13.CL1	168
1424	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE	4478104	C10. H13.BR1	212
1425	1-(CHLOROMETHYL)-NAPHTHALENE	86522	C11. H9 .CL1	176
1426	*$TETRACHLOROBIPHENYL	26914330	C12. H6 .CL4	290
1427	*$PENTACHLORO-1,1*-BIPHENYL	25429292	C12. H5 .CL5	324
1428	3-BROMOHEXANE	3377875	C6 . H13.BR1	164
1429	1,1,2-TRICHLOROPROPANE	598776	C3 . H5 .CL3	146
1430	5,8-DIMETHYLQUINOLINE	2623509	C11. H11. N1	157
1431	2,3,5-TRIMETHYLPYRIDINE	695987	C8 . H11. N1	121
1432	4-ETHYL-2,6-DIMETHYL PYRIDINE	36917369	C9 . H13. N1	135
1433	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE	520694	C9 . H15. N1	137
1434	%2,4-DIMETHYLQUINOLINE	1198374	C11. H11. N1	157
1435	CIS-9-OCTADECENOIC ACID, METHYL ESTER	112629	C19. H36. O2	296
1436	9,12-OCTADECADIENOIC ACID	60333	C21. H38. O2	322
1437	4-ETHENYL BENZOIC ACID	1075496	C9 . H8 . O2	148
1438	4-HYDROXYACETOPHENONE	7339879	C8 . H8 . O2	136
1439	1-HYDROXYNAPHTHALENE	90153	C10. H8 . O1	144
1440	DIETHYL PHENOL	26967657	C10. H14. O1	150

(continued)

TABLE 23. (continued)

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	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1441	PHENOL, METHYL ETHER	100663	C7 . H8 . O1	108
1442	2,2'-DIMETHYL-1,1'-BIPHENYL	605398	C14. H14	182
1443	ALPHA-HYDROXY-ALPHA-PHENYLBENZENEACETIC ACID	76937	C14. H12. O3	228
1444	1-METHYL ANTHRACENE	610480	C15. H12	192
1445	4-METHYL-3-HEPTANONE	6137117	C8 . H16. O1	128
1446	METHYL PROPIONATE	554121	C4 . H8 . O2	88
1447	1-(4-METHYLPHENY)ETHANONE	122089	C9 . H10. O1	134
1448	1-(2,4,6-TRIMETHYLPHENYL)ETHANONE	1667812	C11. H14. O1	162
1449	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE	6630819	C13. H20	176
1450	BENZOIC ACID, 2-ALLYL ESTER	583040	C10. H10. O2	162
1451	1-METHOXYETHYLBENZENE	4013347	C9 . H12. O1	136
1452	QUINOXALINE	91198	C8 . H6 . N2	130
1453	HEPTADECANOIC ACID, ETHYL ESTER	14010232	C19. H38. O2	298
1454	BENZOPHENONE	119619	C13. H10. O1	182
1455	%+PYRENE	129000	C16. H10	202
1456	7-ETHYLQUINOLINE	7661474	C11. H11. N1	157
1457	2-ETHOXYBUTANE	2679870	C6 . H14. O1	102
1458	7-ETHYL DODECAHYDRO-1,4A,7-TRIMETHYL-1-PHENANTHRENECARBOXYLIC ACID	4087696	C20. H32. O2	304
1459	1-ETHYL-1-METHYLCYCLOPENTANE	16747505	C8 . H16	112
1460	%$(1-METHYL ETHYL) BENZENE	98828	C9 . H12	120
1461	(2)-BENZALDEHYDEOXIME	622322	C7 . H7 . N1 . O1	121
1462	TRANS-9-HEXADECENOIC ACID, METHYL ESTER	1120258	C17. H32. O2	268
1463	%+1,2-DIHYDROACENAPHTHALENE	83329	C12. H10	154
1464	1-METHYL-4-PROPYLBENZENE	1074551	C10. H14	134
1465	%+$1,1-(DICHLOROETHENYLIDENE)BIS-4-CHLOROBENZENE	72559	C14. H8 .CL4	316
1466	2-ETHYL-1,4-DIMETHYL BENZENE	1758889	C10. H14	134
1467	1,2,8-TRIMETHYLNAPHTHALENE	3876979	C13. H14	170
1468	1,6-DICHLORO-1,5-CYCLOOCTADIENE	29488428	C8 . H10.CL2	176
1469	1,2,3,4-TETRAHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	21693516	C13. H18	174
1470	1,2,4,5-TETRAMETHYL BENZENE	95932	C10. H14	134
1471	1,1-DIMETHYLETHYLBENZENE	98066	C10. H14	134
1472	4,6-DIMETHYL PYRIMIDINE	1558174	C6 . H8 . N2	108
1473	2,3-DIMETHYL PYRAZINE	5910894	C6 . H8 . N2	108
1474	1H-PYRAZOLE	288131	C3 . H4 . N2	68
1475	1-METHYL-3-PROPYL BENZENE	1074437	C10. H14	134
1476	PROPYLNAPHTHALENE	325	C13. H14	170
1477	TRIMETHYLNAPHTHALENE	311	C13. H14	170
1478	TRIMETHYLNAPHTHALENE	312	C13. H14	170
1479	TRIMETHYLNAPHTHALENE	313	C13. H14	170
1480	TRIMETHYLNAPHTHALENE	314	C13. H14	170
1481	TRIMETHYLNAPHTHALENE	316	C13. H14	170
1482	TRIMETHYLNAPHTHALENE	317	C13. H14	170
1483	TRIMETHYLNAPHTHALENE	319	C13. H14	170
1484	%+ANTHRACENE	120127	C14. H10	178
1485	TRIDECANE	629505	C13. H28	184

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1486	3-METHYL-3-HEXANOL	597966	C7 . H16. O1	116
1487	ETHENYLDIETHYLMETHYLSILANE	18292298	C7 . H16.SI1	128
1488	1,3-BIS(1-METHYLETHYL) BENZENE	99627	C12. H18	162
1489	3,7-DIMETHYL-3-OCTANOL	78693	C10. H22. O1	158
1490	(1,4-CYCLOHEXADIEN-1-YL)BENZENE	1370521	C12. H12	156
1491	C3 NAPHTHALENE	315	C13. H14	170
1492	1,4-DIMETHYL-5-OCTYLNAPHTHALENE	55008538	C20. H28	268
1493	ETHYL(PHENYLMETHYL)BENZENE (ISOMER UNKNOWN)	4255045 41	C15. H16	196
1494	3,3',4,4'-TETRAMETHYL-1,1'-BIPHENYL	4920950	C16. H18	210
1495	PENTATRIACONTANE	638079	C35. H72	492
1496	1,3,5,-TRIS(1,1-DIMETHYLETHYL) BENZENE	1460022	C18. H30	246
1497	1-METHYL-4-[(4-METHYLPHENYL)METHYL]BENZENE	4357146	C15. H16	196
1498	1,2-DIMETHYL-4- (PHENYLMETHYL)BENZENE	13540562	C15. H16	196
1499	X2,3-DIMETHYLNAPHTHALENE	581488	C12. H12	156
1500	2-BUTYLNAPHTHALENE	1134629	C14. H16	184
1501	1,2,4-TRIS(1,1-DIMETHYLETHYL)BENZENE	1459116	C18. H30	246
1502	*1-(4-CHLOROPHENYL)ETHANONE	99912	C8 . H7 . O1 .CL1	154
1503	2,6-BIS(1,1-DIMETHYLETHYL)-1,2,3,4-TETRAHYDRONAPHTHALENE	42981768	C18. H28	244
1504	2,3-DIHYDRO-1,1,3-TRIMETHYL-3-PHENYL-1H-INDENE	3910358	C18. H20	236
1505	TRANS-1-BROMO-2-CHLOROCYCLOPENTANE	14376828	C5 . H8 .BR1 .CL1	182
1506	BETA,BETA-DIMETHYL-1H-IMIDAZOLE-4-ETHANAMINE	21150816	C7 . H13. N3	139
1507	4-DECANONE	624168	C10. H20. O1	156
1508	6-METHYL-2-PHENYLQUINOLINE	27356463	C16. H13. N1	219
1509	BUTYLBENZENE	104518	C10. H14	134
1510	1-ACETYLHEXAHYDRO-1H-AZEPINE	5809416	C8 . H15. N1 . O1	141
1511	4-METHYL-3-HEXANOL	615292	C7 . H16. O1	116
1512	BUTANOIC ACID, HEXYL ESTER	2639636	C10. H20. O2	172
1513	*TRICHLOROBIPHENYL	25323686	C12. H7 .CL3	256
1514	2,3,6-TRIMETHYLHEPTANE	4032933	C10. H22	142
1515	*$HEXACHLORO-1,1#-BIPHENYL	26601649	C12. H4 .CL6	358
1516X	**$1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS(4-CHLOROBENZENE)	50293	C14. H9 .CL5	352
1517	DIBENZOTHIOPHENE	132650	C12. H8 . I1	184
1518	4-METHYLDIBENZOTHIOPHENE	7372685	C13. H10. S1	198
1519	9-ETHYL PHENANTHRENE	3674757	C16. H14	206
1520	5-METHYLBENZACRIDINE	3519877	C18. H13. N1	243
1521	3-ETHYL-5-METHYLPYRIDINE	3999768	C8 . H11. N1	121
1522	N,N-DIETHYLANILINE	91667	C10. H15. N1	149
1523	3-DODECANONE	15342 76	C12. H24. O1	186
1524	2,3,4-TRIMETHYLQUINOLINE	2437721	C12. H13. N1	171
1525	TRIMETHYLQUINONE	1364	C12. H13. N1	171
1526	HEXANEDIOIC ACID, DIHEXYL ESTER	1759	C18. H34. O4	314
1527	X*4-NITROPHENOL	100027	C6 . H5 . N1 . O3	139
1528	3-CHLORO-2-BUTANOL	563848	C4 . H9 . O1 .CL1	108
1529	3-CYCLOHEXYLPHENOL	1943959	C12. H16. O1	176
1530	3-METHYLPIPERIDINE-2,6-DIONE	29553513	C6 . H9 . N1 . O2	127

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1531	10-UNDECENOIC ACID	112389	C11. H20. O2	184
1532	5-PROPYLDIHYDRO-2-FURANONE	105215	C7 . H12. O2	128
1533	3A,7A-DIMETHYL OCTAHYDRO-4-ISOBENZOFURANOL	54382580	C10. H18. O2	170
1534	3-METHYL-3-OCTANOL	5340363	C9 . H20. O1	144
1535	BROMODICHLOROANILINE	739	C6 . H4 . N1 .BR1 .CL2	239
1536	6-PHENYL-2-HEXANONE	14171892	C12. H16. O1	176
1537	NONADECANOIC ACID, METHYL ESTER	1731948	C20. H40. O2	312
1538	PROPANOIC ACID, HEPTYLESTER	2216811	C10. H20. O2	172
1539	6-METHYLOCTANOIC ACID	504994	C9 . H18. O2	158
1540	ACETAMIDE	60355	C2 . H5 . N1 . O1	59
1541	DIETHYLENE GLYCOL, MONOMETHYL ETHER	111773	C5 . H12. O3	120
1542	N-BUTYLAMINE	109739	C4 . H11. N1	73
1543	XDECANOIC ACID, ETHYL ESTER	110383	C12. H24. O2	200
1544	1,3-DIMETHYL-5-(1-METHYLETHYL)-BENZENE	4706905	C11. H16	148
1545	2,4-DIMETHYL-1-(1-METHYLETHYL)BENZENE	4706892	C11. H16	148
1546	(1-ETHYLPROPYL) BENZENE	1196583	C11. H16	148
1547	$1-PHENYLPROPANE	103651	C9 . H12	120
1548	2,3-DIHYDRO-1,3-DIMETHYL-1H-INDENE	4175535	C11. H14	146
1549	C6-BENZENE	250	C12. H18	162
1550	2-METHYL-2-BUTENAL	1115113	C5 . H8 . O1	84
1551	3-FURANCARBOXYLIC ACID	488937	C5 . H4 . O3	112
1552	TETRAHYDRO-3,6-DIMETHYL-2H-PYRAN-2-ONE	3720227	C7 . H12. O2	128
1553	2,3-DIMETHYL-1,4-HEXADIENE	18669528	C8 . H14	110
1554	2-METHYL-CYCLOHEXANEMETHANOL	2105400	C8 . H16. O1	128
1555	3,4-DIHYDRO-1(2H)-NAPHTHALENONE	529348	C10. H10. O1	146
1556	PENTAMETHYLBENZENE	700129	C11. H16	148
1557	XISOQUINOLINE	119653	C9 . H7 . N1	129
1558	2,4-DIMETHYLPENTANOL	500362	C7 . H16. O1	116
1559	3,3-DIMETHYLBUTANAMINE	3850304	C6 . H15. N1	101
1560	2,7-DIMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	13065071	C12. H16	160
1561	2,4-DIEHTHYLHEPTANE	2213232	C9 . H20	128
1562	2,6-DIMETHYLHEPTANE	1072055	C9 . H20	128
1563	(4-ETHYLPHENYL) PHENYLMETHANONE	18220901	C15. H14. O1	210
1564	2,4-DICHLOROBENZENAMINE	554007	C6 . H5 . N1 .CL2	161
1565	X3,4-DICHLOROBENZAMINE	95761	C6 . H5 . N1 .CL2	161
1566	2-IODOPENTANE	637978	C5 . H11. I1	198
1567	2-METHYLTHIOPHENE	554143	C5 . H6 . S1	98
1568	1,1,3-TRICHLORO-1-BUTENE	13279862	C4 . H5 .CL3	158
1569	1-ETHYL-2,4-DIMETHYL BENZENE	874419	C10. H14	134
1570	1,2,3,4-TETRAHYDRO-1,6-DIMETHYL-4-(1-METHYLETHYL)NAPHTHALENE	483772	C15. H22	202
1571	2-ETHYL-1,3-DIMETHYL BENZENE	2870844	C10. H14	134
1572	2-(METHYLTHIO)BENZOTHIAZOLE	615225	C8 . H7 . N1 . S2	181
1573	NONANAL	124196	C9 . H18. O1	142
1574	2,3-DIHYDRO-1H-INDENE	496117	C9 . H10	118
1575	(3-METHYL-2-BUTENYL)BENZENE	4489843	C11. H14	146

(continued)

TABLE 23. (continued)

	SYSTENATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1576	1,4-DIHYDRO-2,5,8-TRIMETHYLNAPHTHALENE	30316199	C13. H16	172
1577	3,3,3-TRICHLORO-2-METHYLPROPENE	4749273	C4 . H5 .CL3	158
1578	CYCLOHEPTANONE	502421	C7 . H12. O1	112
1579	BENZYLAMINE	8894	C7 . H9 . N1	107
1580	2,3-DIHYDRO-4,7-DIMETHYL-1H-INDENE	6682719	C11. H14	146
1581	BIS(CHLOROPHENYL)METHANE	25249392	C13. H10.CL2	236
1582	CIS-4-PHENYL-1,1#-BICYCLOHEXYL	21484127	C18. H26	242
1583	4-METHYLENECYCLOHEXANEMETHANOL	1004246	C8 . H14. O1	126
1584	2,6,6-TRIMETHYL-BICYCLO(3.1.1)HEPTAN-3-ONE	547604	C10. H16. O1	152
1585	3-BUTYL-1,2,4-CYCLOPENTANETRIONE	46005098	C9 . H12. O3	168
1586	X1-PHENYL-1,2-ETHANEDIOL	93561	C8 . H10. O2	138
1587	2-METHYL-5-UNDECANONE	58539026	C12. H24. O1	184
1588	(3,3-DIMETHYLCYCLOHEXYLIDENE)ACETALDEHYDE	26532241	C10. H16. O1	152
1589	1,2,3,4-TETRAMETHYL BENZENE	488233	C10. H14	134
1590	1-ETHYL-2,3-DIHYDRO-1-METHYL-1H-INDENE	56298750	C12. H16	160
1591	1-CHLOROTETRADECANE	2425549	C14. H29.CL1	232
1592	1,1#-CYCLOHEXYLIDENEBIS-BENZENE	21113553	C18. H20	236
1593	BICYCLO(2.2.2)OCTANE-1,4-DIOL, MONOACETATE	54774946	C10. H16. O3	184
1594	3-HYDROXYPHENYLACETIC ACID, METHYL ESTER	42058593	C9 . H10. O3	166
1595	X2-METHYL ANTHRACENE	513127	C15. H12	192
1596	2-(PHENYLMETHYL) NAPHTHALENE	613592	C17. H14	218
1597	PHENYL P-PYRIDYL KETONE	56771507	C12. H9 . N1 . O1	183
1598	DODECYL PHENOL	27193868	C18. H30	262
1599	FLUOROIODOBENZENE	1111	C6 . H4 . F1 . I1	221
1600	3-METHYL-2-FURANONE	22122367	C5 . H5 . O2	98
1601	(1-METHYLDECYL)BENZENE	4536883	C17. H28	232
1602	1,4,5-TRIMETHYL NAPHTHALENE	2131411	C13. H14	170
1603	1-TETRADECENE	1120361	C14. H28	196
1604	DIMETHYL ETHYL BENZENE	208	C10. H14	134
1605	1-PHENYL-2-CYCLOPENTEN-1-OL	56667108	C11. H12. O1	160
1606	2-METHYLBENZALDEHYDE	529204	C8 . H8 . O1	120
1607	2,3-BIS(METHYLENE)-BICYCLO(3.2.1)OCTANE	49826542	C10. H14	134
1608	2,2-DIMETHYLHEPTANE	1071267	C9 . H20	128
1609	1-IODOPENTANE	628171	C5 . H11. I1	198
1610	X1H-INDENE	95136	C9 . H8	116
1611	1,2-DIMETHYL-1H-INDENE	53204572	C11. H12	144
1612	1,2-DIHYDRO-1,5,8-TRIMETHYLNAPHTHALENE	4506369	C13. H16	172
1613	X*+$2-CHLORONAPHTHALENE	91587	C10. H7 .CL1	162
1614	1-ETHYL-3-METHYLCYCLOPENTANE	3726474	C8 . H16	112
1615	DIMETHYL-(1-METHYLETHYL)BENZENE	105	C11. H16	148
1616	4,6-DIISOPROPYL-3-XYLENE	5186685	C14. H22	190
1617	7-METHYLBENZOFURAN	8898	C9 . H5 . O1	132
1618	TRICHLOROHEPTAFLUOROBUTANE	28984807	C4 .CL3 . F7	286
1619	DIMETHYL-(1-METHYLETHYL)BENZENE	104	C11. H16	148
1620	1,2,3-TRIETHYLBENZENE	42205883	C12. H18	162

(continued)

TABLE 23. (continued)

	SYSTEMATIC NAME	CAS NO.	MOLECULAR FORMULA	MW
1621	α-(CHLOROMETHYL)BENZENE	100447	C7 . H7 .CL1	126
1622	1-ETHENYL-4-METHYLBENZENE	766972	C9 . H8	116
1623	(1-METHYLPENTYL)BENZENE	6031023	C12. H18	162
1624	1,2,3,4-TETRAHYDRO-1,4,6-TRIMETHYLNAPHTHALENE	22924324	C13. H18	174
1625	1-(1-METHYLETHENYL)-4-(1-METHYLETHYL)BENZENE	2388149	C12. H16	160
1626	1,1′ 3′,1″-TERPHENYL	92068	C18. H14	230
1627	DECAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL)NAPHTHALENE	15404634	C15. H28	208
1628	1-CHLORO-4-(1-CHLOROETHENYL)CYCLOHEXENE	13547063	C8 . H10.CL2	176
1629	2,4,6-TRIMETHYL-1,1′-BIPHENYL	3976350	C15. H16	196
1630	4-PHENYLBICYCLOHEXYL	20273272	C18. H26	242
1631	(1,1′-BICYCLOPENTYL)-2-ONE	4884246	C10. H16. O1	152
1632	2-(1,1-DIMETHYLETHYL)PHENOL	88186	C10. H14. O1	150
1633	4-(1-ETHYL-1-METHYLHEXYL)PHENOL	52427131	C15. H24. O1	220
1634	4-(2,2,3,3-TETRAMETHYLBUTYL) PHENOL	54932784	C14. H22. O1	206
1635	NONADECANOIC ACID, ETHYL ESTER	18281044	C21. H42. O2	326
1636	DIBROMOPHENOL	546	C6 . H4 . O1 .BR2	250
1637	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL	10482561	C10. H18. O1	154
1638	1,2-CYCLOHEXANEDIOL	331179	C6 . H12. O2	116
1639	BUTYL THIAZOLE	6086222	C6 . H11. N3	125
1640	2-HYDROXY-5-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE	672764	C10. H12. O2	164
1641	O-NITROTOLUENE	88722	C7 . H7 . N1 . O2	137

TABLE 24. COMPOUNDS IN THE CHEMICALLY DESCRIPTIVE LEVEL OF THE IDENTIFIED COMPOUND DATABASE--LISTED BY INCREASING MOLECULAR WEIGHT

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
55	624793	ISOCYANOETHANE	921				C3 . H5 . N1
55	38239279	N-METHYL ETHENAMINE	662				C3 . H5 . N1
59	60355	ACETAMIDE		1079			C2 . H5 . N1 . O1
60	71238	XPROPYL ALCOHOL	104		158		C3 . H8 . O1
60	64197	ACETIC ACID	580				C2 . H4 . O2
62	107211	XETHYLENE GLYCOL	960	832			C2 . H6 . O2
62	75014	VINYL CHLORIDE	1037				C2 . H3 .CL1
62	455	CARBONIC ACID					C1 . H2 . O3
68	288131	PYRAZOLE		982			C3 . H4 . N2
68	142298	CYCLOPENTENE	650				C5 . H8
72	598323	3-BUTEN-2-OL	985				C4 . H8 . O1
73	68122	XDMF (DIMETHYL FORMAMIDE)	1070	314			C3 . H7 . N1 . O1
73	109739	N-BUTYLAMINE		1087			C4 . H11. N1
74	71363	X1-BUTANOL	5	22	117		C4 . H10. O1
74	75650	XTERT-BUTANOL	586				C4 . H10. O1
74	78922	SEC-BUTYL ALCOHOL	734				C4 . H10. O1
74	109944	ETHYL FORMATE					C3 . H6 . O2
75	107142	CHLOROACETONITRILE	564				C2 . H2 . N2 .CL2
76	109864	ETHYLENE GLYCOL, MONOMETHYL ETHER	533	623	33	86	C3 . H8 . O2
76	109875	XMETHYLAL	602	896			C3 . H8 . N2
76	3031752	ISOPROPYL HYDROPEROXIDE	262				C3 . H8 . O2
78	584032	1,2-BUTANEDIOL				87	C4 . H10. O2
79	110861	X*PYRIDINE	573	468			C5 . H5 . N1
8.	107073	2-CHLOROETHANOL					C2 . H5 . O1 .CL1
82	110838	XCYCLOHEXENE		254			C6 . H10
82	91792.	3,3-DIMETHYLBUTYNE	1128				C6 . H10
82	534225	2-METHYLFURAN	851	746			C5 . H6 . O1
82	930303	2-CYCLOPENTEN-1-ONE	89				C5 . H6 . O1
84	75092	XMETHYLENE CHLORIDE					C1 . H2 .CL2
84	625332	3-PENTEN-2-ONE	65	946			C5 . H8 . O1
84	34314835	2,3-DIHYDRO-4-METHYLFURAN	183				C5 . H8 . O1
84	497030	TIGALDEHYDE	830				C5 . H8 . O1
84	120923	CYCLOPENTANONE	538				C5 . H8 . O1
84	765435	XCYCLOPROPYL METHYL KETONE	175				C5 . H8 . O1
84	11.5113	2-METHYL-2-BUTENAL					C5 . H8 . O1
85	616455	2-PYRROLIDONE			18		C4 . H7 . N1 . O1
86	108054	VINYL ACETATE		569			C4 . H6 . O2
86	107879	XMETHYL PROPYL KETONE		99			C5 . H10. O1
86	4675470	2-METHYL-2-BUTEN-1-OL	279				C5 . H10. O1
86	556821	3-METHYL-2-BUTEN-1-OL	80	947			C5 . H10. O1
86	625310	4-PENTEN-2-OL	922	897			C5 . H10. O1
86	4401110	1-OXIRANYLETHANONE	620				C4 . H6 . O2
86	5076197	TRIMETHYLOXIRANE	831				C5 . H10. O1
86	115184	2-METHYL-3-BUTEN-2-OL	114				C5 . H10. O1
86	1569502	3-PENTEN-2-OL	55	497			C5 . H10. O1

† SEE FOOTNOTE ON LAST PAGE

(Continued)

TABLE 24. (Continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
86	1883141	PROPYLOXIRANE	293				C5 . H10. O1
86	431038	XDIACETYL					C4 . H6 . O2
86	3724650	XCROTONIC ACID	1038				C4 . H6 . O2
86	96480	XBUTYROLACTONE	426				C4 . H6 . O2
86	96220	DIETHYL KETONE		593			C5 . H10. O1
88	141786	XETHYL ACETATE		210		162	C4 . H8 . O2
88	126998	X*CHLOROPRENE					C4 . H5 .CL1
88	123911	X1,4-DIOXANE	266	171	114		C4 . H8 . O2
88	79312	XISOBUTYRIC ACID	113	418			C4 . H8 . O2
88	107926	XBUTYRIC ACID	24	389			C4 . H8 . O2
88	6032297	1-METHYLBUTYLALCOHOL	54	684			C5 . H12. O2
88	564021	DIETHYL CARBINOL	181	745			C5 . H12. O2
88	71410	XN-AMYL ALCOHOL	683	895			C5 . H12. O1
88	598754	SEC-ISOAMYL ALCOHOL	1129	1083			C5 . H12. O1
88	107891	ALOOL	121				C4 . H8 . O2
88	513860	ACETOIN	1113				C4 . H8 . O2
88	75854	XTERT-PENTYL ALCOHOL	530				C5 . H12. O1
88	75843	NEOPENTYL ALCOHOL		703			C5 . H12. O1
88	96311	N,N#-DIMETHYLUREA	402				C3 . H8 . N2 . O1
88	554121	METHYL PROPIONATE					C4 . H8 . O2
88	625547	ETHYL ISOPROPYL ETHER			43		C5 . H12. O1
89	51796	XURETHANE (ETHYLCARBAMATE)	951				C3 . H7 . N1 . O2
90	563473	X3-CHLORO-2-METHYL PROPENE	142	506			C4 . H7 .CL1
90	107982	1-METHOXY-2-PROPANOL	45	103			C4 . H10. O2
90	107880	1,3-BUTYLENE GLYCOL		629			C4 . H10. O2
90	110805	XETHYLENE GLYCOL MONOETHYL ETHER((OXITOL(CELLOSOLVE)	567	717			C4 . H10. O2
90	144627	XOXALIC ACID	1040				C2 . H2 . O4
92	1589475	2-METHOXY-1-PROPANOL		318	115		C4 . H10. O2
90	513859	2,3-BUTANEDIOL		481			C4 . H10. O2
90	50215	2-HYDROXYPROPANOIC ACID					C3 . H6 . O3
92	108883	XTOLUENE	62	324	250		C7 . H8
92	1340337	*1-CHLORO-2,3-EPOXYPROPANE ((CHLOROMETHYL)OXIRANE)					C3 . H5O. O1 .CL1
92	78955	XCHLOROACETONE	729	712			C3 . H5O. O1 .CL1
93	108996	B-PICOLINE		554			C6 . H7 . N1
93	62533	X*ANILINE	582				C6 . H7 . N1
93	109068	ALPHA-PICOLINE	842	657			C6 . H7 . N1
93	108894	GAMMA-PICOLINE	961				C6 . H7 . N1
94	108952	X*•PHENOL	156	208	163		C6 . H6 . O1
94	67710	DIMETHYLSULFONE	925	387			C2 . H6 . O2 . S1
94	79118	XCHLOROACETIC ACID	724	1080	228		C2 . H3 . O2 .CL1
94	127004	1-CHLORO-2-PROPANOL			160		C3 . H7 . O1 .CL1
94	74839	BROMOMETHANE			132		C1 . H3 .BR1
96	591488	3-METHYLCYCLOHEXENE		505			C7 . H12
96	930687	2-CYCLOHEXENONE	139	369			C6 . H8 . O1
96	108974	4H-PYRAN-4-ONE		864			C5 . H4 . O2

† SEE FOOTNOTE ON LAST PAGE

(Continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AMT	T4	T5	MOLECULAR FORMULA
96	1120736	2-METHYL-2-CYCLOPENTEN-1-ONE	864			131	C6 . H8 . O1
96	2758181	3-METHYL-2-CYCLOPENTEN-1-ONE	590		150	135	C6 . H8 . O1
96	4562270	%4(1H)-PYRIMIDINONE	322				C4 . H4 . N2 . O1
96	10111087	1H-IMIDAZOLE-2-CARBOXALDEHYDE	92	1103			C4 . H4 . N2 . O1
96	20521420	2-VINYLCROTONALDEHYDE	552				C6 . H8 . O1
96	98011	%FURFURAL	1025			195	C5 . H4 . O2
98	107062	%1,2-DICHLOROETHANE	332	306			C2 . H4 .CL2
98	1120725	2-METHYLCYCLOPENTANONE	711	498			C6 . H10. O1
98	1757422	3-METHYLCYCLOPENTANONE	154	179			C6 . H10. O1
98	108941	%CYCLOHEXANONE	16	568			C6 . H10. O1
98	141797	%MESITYL OXIDE (3-ISOHEXEN-2-ONE)		233		70	C6 . H10. O1
98	822673	2-CYCLOHEXENOL		830			C6 . H10. O1
98	291645	SUBERANE					C6 . H10. O1
98	505577	2-HEXENAL		668			C7 . H14
98	109499	ALLYLACETONE	1153				C6 . H10. O1
98	758872	3-METHYL-4-PENTEN-2-ONE	545				C6 . H10. O1
98	49607514	1-METHYL-1H-1,2,4-TRIAZOL-3-AMINE					C6 . H10. O1
98	625650	2,4-DIMETHYL-2-PENTENE	605				C3 . H6 . N4
98	554143	2-METHYLTHIOPHENE					C7 . H14
98	5362505	4-METHYL-3-PENTENAL	482				C5 . H6 . S1
98	25044013	2-METHYL-1-PENTEN-3-ONE	789				C6 . H10. O1
98	16015115	3,4-DIHYDRO-6-METHYL-2H-PYRAN	550				C6 . H10. O1
98	2497214	4-HEXEN-3-ONE	43				C6 . H10. O1
98	592778	2-HEPTENE	27				C6 . H10. O1
98	286204	%7-OXABICYCLO[4.1.0]HEPTANE	572		103	38	C7 . H14
98	25659227	4-HEXEN-2-ONE		470			C6 . H10. O1
98	108872	HEXAHYDROTOLUENE	66				C6 . H10. N1
98	2008	PHOSPHORIC ACID					C7 . H14
98	111284	2,4-HEXADIEN-1-OL	180	181			H3 . O4 . P1
98	456	PHOSPHORIC ACID					C6 . H10. O1
98	22122367	3-METHYL-2-FURANONE		1099			H3 . O4 . P1
99	872504	%N-METHYL-2-PYROLIDONE	543	487	95		C5 . H6 . O2
99	1768247	BUTYL CYANATE	916				C5 . H9 . N1 . O1
99	27154434	PIPERIDINONE	437	459			C5 . H9 . N1 . O1
99	2141620	3-ETHOXYPROPIONITRILE	979				C5 . H9 . N1 . O1
100	25144652	CIS-2-METHYLCYCLOPENTANOL	94	361			C5 . H9 . N1 . O1
100	591786	%METHYL BUTYLKETONE	177	65			C6 . H12. O1
100	589388	HEXAN-3-ONE	720	150	40		C6 . H12. O1
100	2088075	2-METHYL-1-PENTEN-3-OL	269	800			C6 . H12. O1
100	108101	%METHYL ISOBUTYL KETONE		215			C6 . H12. O1
100	108930	%CYCLOHEXANOL	10	309			C6 . H12. O1
100	2144414	CIS-2,5-DIMETHYLTETRAHYDROFURAN		420			C6 . H12. O1
100	53778613	2,3,4-TRIMETHYLOXETANE		849			C6 . H12. O1
100	1003389	2,5-DIMETHYL THF		850			C6 . H12. O1
100	142825	HEPTANE					C7 . H16

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
100	24070777	2-METHYLCYCLOPENTANOL (GEOMETRY UNKNOWN)	176	446			C6 . H12. O1
100	25144041	TRANS-2-METHYLCYCLOPENTANOL	21	879			C6 . H12. O1
100	3586581	2-METHYLENEBUTYRIC ACID	566	922			C5 . H8 . O2
100	541479	3-METHYL-2-BUTENOIC ACID	99				C5 . H8 . O2
100	626982	2-PENTENOIC ACID	1016				C5 . H8 . O2
100	542289	TETRAHYDRO-2H-PYRAN-2-ONE	876				C5 . H8 . O2
100	111342	%1-(ETHENYLOXY)BUTANE	122				C6 . H12. O1
100	1192229	3-ETHYL-2,2-DIMETHYLOXIRANE	836				C6 . H12. O1
100	108292	DIHYDRO-5-METHYL-2(3H)-FURANONE	329	728			C5 . H8 . O2
100	15877573	3-METHYLPENTANAL	229	706			C6 . H12. O1
100	53778624	2-ETHYL-3-METHYLOXETANE	493				C6 . H12. O1
100	16173383	2-ETHYL-1,3,2-DIOXABOROLANE	495				C4 . H9 . O2 . B1
100	54774275	5-HEXEN-2-OL	682	727			C6 . H12. O1
100	6124909	CIS-2,3-EPOXYHEXANE	833				C6 . H12. O1
100	5076200	TETRAMETHYLOXIRANE					C6 . H12. O1
100	15045600	1,3-EPOXY-4-METHYLPENTANE					C6 . H12. O1
100	565695	2-METHYL-3-PENTANONE	1086				C6 . H12. O1
100	5204648	3-PENTENOIC ACID	1039				C5 . H8 . O2
100	17257793	METHYL PROPENYLOXY KETONE	957				C5 . H8 . O2
100	97961	2-ETHYLBUTANAL	57	86			C6 . H12. O1
101	617845	N,N-DIETHYL FORMAMIDE	270	555	147	113	C5 . H11. N1 . O1
101	3850304	3,3-DIMETHYLBUTANAMINE					C6 . H15. N1
101	541468	ISOVALERAMIDE	969	607			C5 . H11. N1 . O1
101	5329793	2-HEXANEAMINE	179	180			C6 . H15. N1
101	6859990	PIPERIDINOL		302			C5 . H11. N1 . O1
102	1120974	4-METHYL DIOXANE		330			C5 . H10. O2
102	111273	1-HEXANOL	679	943	183		C6 . H14. O1
102	77747	3-METHYLPENTAN-3-OL	201	491			C6 . H14. O1
102	623370	3-HEXANOL	46	214	25		C6 . H14. O1
102	626937	2-HEXANOL	193	178			C6 . H14. O1
102	116530	2-METHYLBUTYRIC ACID	22	202			C5 . H10. O2
102	109524	%VALERIC ACID	95	204	159		C5 . H10. O2
102	503742	ISOVALERIC ACID	63	106			C5 . H10. O2
102	108112	4-METHYL-2-PENTANOL	35	177	127	83	C6 . H14. O1
102	55185	%*DIETHYLNITROSAMINE		277			C4 . H10. N2 . O1
102	1185337	2,2-DIMETHYL-1-BUTANOL	1011	442			C6 . H14. O1
102	541504	ACETOACETIC ACID	630	1054			C4 . H6 . O3
102	115220	3-HYDROXY-3-METHYL-2-BUTANONE	931				C5 . H10. O2
102	97994	TETRAHYDROFURFURYL ALCOHOL; THFA	254				C5 . H10. O2
102	75989	PIVALIC ACID	147				C5 . H10. O2
102	594605	2,3-DIMETHYL-2-BUTANOL	888				C6 . H14. O1
102	2806851	3-ETHOXYPROPANAL	362				C5 . H10. O2
102	590363	2-METHYL-2-PENTANOL	777				C6 . H14. O1
102	592647	BUTYL FORMATE	100			98	C5 . H10. O2
102	36839675	3-METHOXYPENTANE					C6 . H14. O1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
102	36960222	1-HYDROXY-3-METHYL-2-BUTANONE	832				C5 . H10. O2
102	3393644	4-HYDROXY-3-METHYL-2-BUTANONE	837				C5 . H10. O2
102	4016119	%(ETHOXYMETHYL)OXIRANE	295				C5 . H10. O2
102	96402	3-CHLOROCYCLOPENTENE	255				C5 . H7 .CL1
102	108214	ISOPROPYL ACETATE	730				C5 . H10. O2
102	7326467	TETRAHYDRO-2-METHYL-2-FURANOL	438	146			C5 . H10. O2
102	2679870	2-ETHOXYBUTANE					C6 . H14. O1
102	589355	3-METHYL-1-PENTANOL	994				C6 . H14. O1
103	100470	BENZONITRILE	377	845	138	77	C7 . H5 . N1
104	100425	%*$STYRENE	130	334			C8 . H8
104	141822	%MALONIC ACID		611			C3 . H4 . O4
104	53778737	1-METHOXY-2-BUTANOL		443			C15. H12. O2
104	17773658	2-CHLORO-3-METHYL-2-BUTENE	881				C5 . H9 .CL1
104	111320	4-METHOXY-1-BUTANOL	610				C5 . H12. O2
104	683705	3-CHLORO-3-BUTEN-2-ONE	923				C4 . H5 . O1 .CL1
104	594616	2-HYDROXY-2-METHYLPROPANOIC ACID	6				C4 . H8 . O3
104	5166358	3-CHLORO-2-METHYL-1-BUTENE	823				C5 . H9 .CL1
104	7778850	1,2-PROPYLENE GLYCOL, DIMETHYL ETHER	26				C5 . H12. O2
104	694871	BICYCLO[4.2.0]OCTA-1,3,5-TRIENE					C8 . H8
104	2807309	N-PROPOXY ETHANOL	710				C5 . H12. O2
104	4744109	1-1-DIMETHOXYPROPANE	162				C5 . H12. O2
104	10471144	1-ETHOXY-1-METHOXYETHANE	161				C5 . H12. O2
104	13417431	1-CHLORO-2-METHYL-2-BUTENE	348				C5 . H9 .CL1
104	53778720	3-METHOXY-2-BUTANOL		295			C5 . H12. O2
104	5694688	1,3-DIOXALANE METHANOL				190	C4 . H8 . O3
104	3587642	1-METHOXY-2-METHYL-2-PROPANOL					C5 . H12. O2
106	95476	%$O-XYLENE	776	750	167	84	C8 . H10
106	108383	%$M-XYLENE	141	511	41	46	C8 . H10
106	106423	%$P-XYLENE	417	173	166	82	C8 . H10
106	100414	$ETHYLBENZENE	416	172	42	81	C8 . H10
106	100527	%BENZALDEHYDE	115	160	30		C7 . H6 . O1
106	628900	METHYL METHOXYMETHYL FORMAL		617			C4 . H10. O3
106	598798	2-CHLORO-2-PROPENOIC ACID	927				C3 . H3 . O2 .CL1
106	543599	AMYL CHLORIDE	106				C5 . H11.CL1
106	753899	NEOPENTYL CHLORIDE	349				C5 . H11.CL1
106	111466	DIETHYLENE GLYCOL			108		C4 . H10. O3
106	539800	2,4,6-CYCLOHEPTATRIEN-1-ONE	694	618			C7 . H6 . O1
107	108485	%2,6-LUTIDINE	695	1055			C7 . H9 . N1
107	108474	%2,4-LUTIDINE	1079				C7 . H9 . N1
107	536754	4-ETHYLPYRIDINE	696	886			C7 . H9 . N1
107	583619	2,3-LUTIDENE	962	1056			C7 . H9 . N1
107	589935	2,5-LUTIDINE					C7 . H9 . N1
107	8894	BENZYLAMINE		980			C7 . H9 . N1
108	1558174	4,6-DIMETHYL PYRIMIDINE		981			C6 . H8 . N2
108	5910894	2,3-DIMETHYL PYRAZINE					C6 . H8 . N2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AMT	T4	T5	MOLECULAR FORMULA
108	108394	%META-CRESOL		297	229	185	C7 . H8 . O1
108	106445	%*P-CRESOL		308	170	183	C7 . H8 . O1
108	95487	%O-CRESOL	199	348			C7 . H8 . O1
108	108516	%BENZYL ALCOHOL	182	268	100		C7 . H8 . O1
108	1603414	2-AMINO-5-PICOLINE		846			C6 . H8 . N2
109	598787	ALPHA-CHLOROPROPIONIC ACID	821				C3 . H5 . O2 .CL1
108	111693	DICYANOHEXANE	90				C6 . H6 . N2
108	100663	METHOXYBENZENE					C7 . H8 . O1
108	563468	3-CHLORO-2-BUTANOL		1070			C4 . H9 . O1 .CL1
109	3814120	DICHLOROACETONITRILE				132	C2 . H1 . N1 .CL2
110	1193166	3-METHYL-2-CYCLOHEXEN-1-ONE	450	383			C7 . H10. O1
110	280331	BICYCLO(2.2.2) OCTANE					C8 . H14
110	1192627	%2-ACETYLFURAN	596	658			C6 . H6 . O2
110	53763872	2-NORBORNENE-7-OL		667			C7 . H10. O1
110	3467759	3-PROPYLCYCLOPENTENE	462			137	C8 . H14
110	4674106	1,2-DIMETHYLCYCLOHEXENE	608				C8 . H14
110	14072867	4,4-DIMETHYLCYCLOHEXENE	893				C8 . H14
110	53763883	3-METHOXY-1,3,4-HEXATRIENE	281				C7 . H10. O1
110	931884	CYCLOOCTENE					C8 . H14
110	5771324	SPIRO(2,4)HEPTAN-2-ONE					C7 . H10. O1
110	620020	5-METHYLFURFURAL	1014				C6 . H6 . O2
110	18669528	2,3-DIMETHYL-1,4-HEXADIENE					C8 . H14
111	629083	N-HEXYLCYANIDE					C7 . H13. N1
111	6407358	N-CYCLOHEXYLIDENE METHANAMINE					C7 . H13. N1
112	16106595	4,5-DIMETHYL-1-HEXENE		378			C8 . H16
112	20019641	5,5-DIMETHYL-2-FURANONE	251	585	151	115	C6 . H8 . O2
112	111660	1-OCTENE		401			C8 . H16
112	108907	%CHLOROBENZENE	640	432		71	C6 . H5 .CL1
112	88142	%2-FUROIC ACID	1151				C5 . H4 . O3
112	34314846	2,3-DIHYDRO-4-(1-METHYLETHYL)FURAN	318				C7 . H12. O1
112	5166530	5-METHYL-3-HEXEN-2-ONE	874				C7 . H12. O1
112	2511913	PENTYL TRIMETHYLENE					C8 . H16
112	7740694	3-ETHOXY-3-METHYL-1-BUTYNE	491				C7 . H12. O1
112	6004600	1-CYCLOPENTYLETHANONE	400	304			C7 . H12. O1
112	80717	2-HYDROXY-3-METHYL-2-CYCLOPENTEN-1-ONE	30				C6 . H8 . O2
112	3726474	1-ETHYL-3-METHYLCYCLOPENTANE					C8 . H16
112	23758272	1-METHYL-2-CYCLOHEXEN-1-OL	1077				C7 . H12. O1
112	33861164	1-METHYL-3-CYCLOHEXEN-1-OL	108				C7 . H12. O1
112	1713333	1-METHYL-7-OXABICYCLO(4.1.0)HEPTANE					C7 . H12. O1
112	110441	%SORBIC ACID					C6 . H8 . O2
112	488937	3-FUROIC ACID					C5 . H4 . O3
112	16747505	1-ETHYL-METHYLCYCLOPENTANE					C8 . H16
112	123331	%1,2-DIHYDRO-3,6-PYRIDAZINEDIONE	574	687			C4 . H4 . N2 . O2
112	684946	3,4-DIMETHYL-3-PENTEN-2-ONE		939			C7 . H12. O1
112	6714007	5-HEPTEN-2-ONE		937			C7 . H12. O1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
112	502421	CYCLOHEPTANONE				130	C7 . H12. O1
113	1121922	OCTAHYDROAZOCINE		859			C7 . H15. N1
113	931204	N-METHYL-2-PIPERIDINONE		938			C6 . H11. N1 . O1
113	105682	HEXAHYDRO-2H-AZEPINE-2-ONE		608			C6 . H11. N1 . O1
114	589435	2,4-DIMETHYL HEXANE					C8 . H18
114	123193	4-HEPTANONE	296	328	67		C7 . H14. O1
114	110134	2,5-HEXANEDIONE	202	378	93	64	C6 . H10. O2
114	3123975	5,5-DIMETHYLDIHYDROFURANONE	244	129			C6 . H10. O2
114	5145017	3,5-DIMETHYLDIHYDROFURANONE		130			C6 . H10. O2
114	110430	METHYL N-AMYL KETONE	386	261		85	C7 . H14. O1
114	695067	5-ETHYLDIHYDRO-2(3H)-FURANONE	1059	598			C6 . H10. O2
114	592278	2-METHYLHEPTANE					C8 . H18
114	56052950	TRANS-2-ETHYL-3-PROPYLOXIRANE		847			C7 . H14. O1
114	823223	6-METHYL-TETRAHYDRO-2-PYRANONE		436			C6 . H10. O2
114	14925963	2-BUTYL-3-METHYLOXIRANE	284	596			C7 . H14. O1
114	17257817	3,4-EPOXY-2-HEXANONE	264	323			C6 . H10. O2
114	56052836	1-METHOXY-2-HEXENE		440			C7 . H14. O1
114	41065978	4-METHYLHEXANAL		867	9		C7 . H14. O1
114	502443	X6-HYDROXYCAPROIC ACID LACTONE		447			C6 . H10. O2
114	106354	ETHYL BUTYL KETONE	819	876			C7 . H14. O1
114	41653934	TRANS-3-METHYL-3-PENTENOIC ACID	1058				C6 . H10. O2
114	1191044	2-HEXENOIC ACID	385	592			C6 . H10. O2
114	1577226	5-HEXENOIC ACID	1126				C6 . H10. O2
114	623563	ETHYL ISOBUTYL KETONE	601				C7 . H14. O1
114	4478631	1-(3,3-DIMETHYLOXIRANYL)ETHANONE	798				C6 . H10. O2
114	3521913	1-HEPTEN-4-OL	268				C7 . H14. O1
114	7493585	ACETYL ISOBUTYRYL	606				C6 . H10. O2
114	592132	2,5-DIMETHYLHEXANE					C8 . H18
114	17257828	3,4-EPOXY-3-ETHYL-2-BUTANONE	611				C6 . H10. O2
114	17612356	2,2-DIMETHYL-3-PROPYLOXIRANE	898				C7 . H14. O1
114	53897328	2-ETHYL-3-PROPYLOXIRANE	1136				C7 . H14. O1
114	5363633	1-(ETHNYLOXY)PENTANE	909				C7 . H14. O1
114	27944792	2,4-DIMETHYLPENTANAL	834				C7 . H14. O1
114	931566	METHOXYCYCLOHEXANE	1110				C7 . H14. O1
114	13861977	4,4-DIMETHYLDIHYDROFURANONE	200	317			C6 . H10. O2
114	53229393	(1-METHYLBUTYL)OXIRANE	553	499			C7 . H14. O1
114	53897317	2-METHYL-2-ISOBUTYLOXIRANE	282				C7 . H14. O1
114	533608	2-HYDROXYCYCLOHEXANONE	554				C6 . H10. O2
114	33467764	2-HEPTENOL	560	738			C7 . H14. O1
114	1860395	5-METHYLHEXANOL	531				C7 . H14. O1
114	123206	VINYL BUTYRATE	539				C6 . H10. O2
114	53229417	3-METHYLBUTYLOXIRANE					C7 . H12. O1
114	42328438	2-METHYL-2-(1-METHYLPROPYL)-OXIRANE	1027				C7 . H14. O1
114	4528261	ALLYL-1,3-DIOXANE	371				C6 . H10. O2
114	598398	2,2-DICHLOROETHANOL					C2 . H4 . O1 .8R1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
114	110123	METHYL ISOPENTYL KETONE		594			C7 . H14. O1
114	7379126	2-METHYL-3-HEXANONE				97	C7 . H14. O1
114	598369	2,2-DICHLOROETHANOL			105		C2 . H4 . O1 .CL2
114	1436357	2-T-BUTYL-3-ETHYLOXIRANE					C8 . H16. O1
116	1070833	3,3-DIMETHYLBUTYRIC ACID	547	32			C6 . H12. O2
116	142621	XCAPROIC ACID	155	71	21	68	C6 . H12. O2
116	7319235	HEX-3-ENE-2,5-DIOL		796			C6 . H12. O2
116	88095	2-ETHYLBUTYRIC ACID	800	203			C6 . H12. O2
116	595379	2,2-DIMETHYL BUTYRIC ACID	799	102			C6 . H12. O2
116	97610	2-METHYL VALERIC ACID	475	563			C6 . H12. O2
116	123422	DIACETONE ALCOHOL	419	325			C6 . H12. O2
116	123864	N-BUTYL ACETATE		219			C6 . H12. O2
116	105431	3-METHYL VALERIC ACID	453	205			C6 . H12. O2
116	646071	ISO-HEXANOIC ACID	224	377			C6 . H12. O2
116	14287617	2,3-DIMETHYLBUTYRIC ACID	517	379			C6 . H12. O2
116	95136	XINDENE		992			C6 . H12. O2
116	597966	3-METHYL-3-HEXANOL		999			C9 . H8
116	18641811	SEC-BUTYLISOPROPYL ETHER	536	641			C7 . H16. O1
116	123762	LEVULINIC ACID	267	645	213	102	C7 . H16. O1
116	632224	XTETRAMETHYLUREA, TMU		650			C5 . H8 . O3
116	2313657	3-METHYL-2-HEXANOL	603	1018			C5 . H12. N2 . O1
116	100721	TETRAHYDROPYRAN-2-METHANOL		662			C7 . H16. O1
116	3970625	2,2-DIMETHYL-3-PENTANOL	380	670			C6 . H12. O2
116	595415	2,3-DIMETHYL-3-PENTANOL		444			C7 . H16. O1
116	615292	4-METHYL-3-HEXANOL		1032			C7 . H16. O1
116	589559	DIPROPYL CARBINOL	1154	877			C7 . H16. O1
116	111706	HEPTYL ALCOHOL	389	878	148		C7 . H16. O1
116	543497	METHYL AMYL CARBINOL	306	327			C7 . H16. O1
116	617298	2-METHYL-3-HEXANOL	56	87			C7 . H16. O1
116	589822	3-HEPTANOL	347	452	240		C7 . H16. O1
116	623552	5-METHYL-3-HEXANOL	278				C7 . H16. O1
116	600362	2,4-DIMETHYLPENTANOL					C7 . H16. O1
116	627598	5-METHYL-2-HEXANOL	772	471			C7 . H16. O1
116	766972	4-METHYLSTYRENE					C7 . H16. O1
116	36667986	3-METHOXY-3-METHYL-2-BUTANONE	42	1101	118	45	C9 . H8
116	54774286	TETRAHYDRO-5-METHYL-2-FURANMETHANOL	540				C6 . H12. O2
116	625230	2-METHYL-2-HEXANOL	906				C6 . H12. O2
116	822833	2-ISOPROPYL-1,3-DIOXOLANE	619				C7 . H16. O1
116	17429048	5-METHOXY-2-PENTANONE	1142				C6 . H12. O2
116	2370129	2,2-DIMETHYL-1-PENTANOL	231				C6 . H12. O2
116	625069	2,4-DIMETHYL-2-PENTANOL	783				C7 . H16. O1
116	4911700	2,3-DIMETHYL-2-PENTANOL	822				C7 . H16. O1
116	627985	5-METHYL-1-HEXANOL	555	714			C7 . H16. O1
116	53102140	3-CHLORO-2-CYCLOPENTEN-1-ONE	557				C7 . H16. O1
116	766154	4,4-DIMETHYL-1,3-DIOXANE	801				C5 . H5 . O1 .CL1
							C6 . H12. O2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
116	759057	3-METHYL-2-OXO-BUTANOIC ACID					C5 . H8 . 03
116	61142776	2,3-DIMETHYLTETRAHYDRO-2-FURANOL		453			C6 . H12. 02
116	123422	4-HYDROXY-4-METHYL-2-PENTANONE	117	479			C6 . H12. 02
116	931179	1,2-CYCLOHEXANEDIOL		1105			C6 . H12. 02
116	4359450	2-ETHYL-4-METHYL-1,3-DIOXOLANE				39	C6 . H12. 02
116	2441976	3-CHLOROCYCLOHEXENE			140		C6 . H9 .CL1
116	34632896	1-CHLORO-2,4-HEXADIENE				40	C6 . H9 .CL1
116	930654	4-CHLOROCYCLOHEXENE				129	C6 . H9 .CL1
117	140294	%BENZYL CYANIDE	346	458	130	79	C8 . H7 . N1
117	7175475	1-ISOCYANO-4-METHYLBENZENE	151				C8 . H7 . N1
117	496117	INDAN		771			C9 . H10
118	105577	ACETALDEHYDE DIETHYL ACETAL		509			C6 . H14. 02
118	67663	%CHLOROFORM					C1 . H1 .CL3
118	111762	2-BUTOXYETHANOL	210	148			C6 . H14. 02
118	611154	*2-METHYL STYRENE		802			C9 . H10
118	637503	1-ALLYLBENZENE	1053	1000		50	C9 . H10
118	4799626	PENTAMETHYLENE GLYCOL, MONOMETHYL ETHER		630			C6 . H14. 02
118	271896	COUMARONE		861			C8 . H6 . 01
118	2935446	2,5-HEXANEDIOL	681	153			C6 . H14. 02
118	629118	1,6-HEXANEDIOL	317	666			C6 . H14. 01
118	542187	CYCLOHEXYL CHLORIDE	755				C6 . H11.CL1
118	97643	ETHYL LACTATE	119				C5 . H10. 03
118	105588	%ETHYL CARBONATE	307	929			C5 . H10. 03
118	76095	PINACOL	1144				C6 . H14. 02
118	98839	ISOPROPENYLBENZENE	485				C9 . H10
118	29006028	4-METHOXYBUTANOIC ACID					C5 . H10. 03
118	3739308	2-HYDROXY-2-METHYLBUTANOIC ACID					C5 . H10. 03
118	4026180	2-HYDROXYISOVALERIC ACID					C5 . H10. 03
118	18243215	TRIMETHYLSILYL FORMATE					C4 . H10. 02
118	110156	%SUCCINIC ACID	439				C4 . H6 . 04
118	1569013	1-PROPOXY-2-PROPANOL		913			C6 . H14. 02
118	107415	2-METHYL-2,4-PENTANEDIOL		147			C6 . H14. 02
118	1779197	1,3,6-TRIOXOCANE		465			C5 . H10. 03
118	873494	CYCLOPROPYLBENZENE				89	C9 . H10
120	611143	O-ETHYL TOLUENE	1076	333			C9 . H12
120	98828	%$CUMENE		523	187	23	C9 . H12
120	526738	1,2,3-TRIMETHYL BENZENE	797	513	223		C9 . H12
120	620144	1-ETHYL-3-METHYL BENZENE	795	545	215	7	C9 . H12
120	108678	%MESITYLENE	806	514	216		C9 . H12
120	103651	$N-PROPYL BENZENE		951			C9 . H12
120	95636	PSEUDOCUMENE	1010	337	168		C9 . H12
120	98862	%ACETOPHENONE	67	559	141	19	C8 . H8 . 01
120	622968	P-ETHYL TOLUENE	1112	769		25	C9 . H12
120	623698	1,3-DIMETHOXY-2-PROPANOL	618	430			C5 . H12. 03
120	16197903	4-CHLOROCROTONIC ACID	858	1081			C4 . H5 . 02 .CL1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
121	40529031	4-CHLORO-3-BUTENOIC ACID					C4 . H5 . O2 .CL1
120	529204	O-TOLUALDEHYDE		154		147	C8 . H8 . O1
120	126330	TETRAHYDRO-1,1-DIOXIDE THIOPHENE		1086	179	187	C4 . H8 . O2 . S1
120	111773	DIETHYLENE GLYCOL, MONOMETHYL ETHER					C5 . H12. O3
121	108758	2,4,6-COLLIDINE	697	844			C8 . H11. N1
121	622322	BENZALDEHYDEOXIME					C7 . H7 . N1 . O1
121	1122390	2,4,5-COLLIDINE	966	1057			C8 . H11. N1
121	695987	2,3,5-COLLIDINE	1170	1059			C8 . H11. N1
121	104905	5-ETHYL-2-PICOLINE	964				C8 . H11. N1
121	1462846	2,3,6-TRIMETHYLPYRIDINE	963	1061			C8 . H11. N1
121	2233296	2,3,4-TRIMETHYLPYRIDINE	965				C8 . H11. N1
121	1122696	2-ETHYL-6-PICOLINE	967				C8 . H11. N1
121	3999788	3-ETHYL-5-METHYLPYRIDINE		1060			C8 . H11. N1
122	65850	%BENZOIC ACID	17	10	2	1	C8 . H11. N1
122	105679	%**2,4-DIMETHYLPHENOL (XYLENOL)		591			C7 . H6 . O2
122	95807	%*2,4-DIAMINOTOLUENE					C8 . H10. O1
122	104936	P-METHYLANISOLE		848			C7 . H10. N2
122	90006	PHLOROL	1061				C8 . H10. O1
122	98851	%METHYLPHENYL CARBINOL		303			C8 . H10. O1
122	100834	3-HYDROXYBENZALDEHYDE	839				C8 . H10. O1
122	123079	4-ETHYLPHENOL		730			C7 . H6 . O2
122	95658	3,4-DIMETHYLPHENOL				186	C8 . H10. O1
122	108689	3,5-DIMETHYLPHENOL					C8 . H10. O1
123	98953	%**$NITROBENZENE	652		79	151	C8 . H10. O1
124	1123097	3,5-DIMETHYL-2-CYCLOHEXEN-1-ONE	988	596			C6 . H5 . N1 . O2
124	90051	%GUAIACOL	1155	869			C8 . H12. O1
124	496106	OCTAHYDROINDENE	774				C7 . H8 . O2
124	24156954	3,5,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	773	597			C9 . H16
124	23799259	1-METHYL-4-METHYLENESUBERANE	604				C8 . H12. O1
124	25172069	3,7-OCTADIEN-2-ONE	559				C9 . H16
124	55683211	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	959	1085			C8 . H12. O1
124	28790865	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	1013	935			C8 . H12. O1
124	150765	%P-METHOXYPHENOL (HYDROQUINONE, MONOMETHYL ETHER)					C8 . H12. O1
124	932661	1-(1-CYCLOHEXEN-1-YL)ETHANONE	1050				C7 . H8 . O2
124	1484541	6-METHYL-BICYCLO[4.1.0]HEPTANONE	1024				C8 . H12. O1
124	16647044	6-METHYL-3,5-HEPTADIEN-2-ONE	1026	925			C8 . H12. O1
124	504154	%ORCINOL	752				C8 . H12. O1
124	628897	2-(2-CHLOROETHOXY)ETHANOL	664				C7 . H8 . O2
125 *	19615271	1-ACETYL-1,2,3,4-TETRAHYDROPYRIDINE		676			C4 . H9 . O2 .CL1
125	6486222	BUTYL THIAZOLE		1107			C7 . H11. N1 . O1
125	110576	1,4-DICHLORO-2-BUTENE			243	152	C6 . H11. N3
126	95498	%*O-CHLOROTOLUENE	817	1038			C4 . H6 .CL2
126	110930	6-METHYL-5-HEPTEN-2-ONE	68	152			C7 . H7 .CL1
126	124118	1-NONYLENE		402			C8 . H14. O1
126	25447692	OCTENAL (ISOMER UNKNOWN)		637			C9 . H18
							C8 . H14. O1

† SEE FOOTNOTE ON LAST PAGE

* 2,3-DIMETHYLMALEIMIDE IS LISTED WITH NW 139 COMPOUNDS

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
126	77781	%DIMETHYL SULFATE		675			C2 . H6 . O4 . S1
126	53517923	1,2,4-TRIMETHYL-1,3-DIAZOCYCLOHEX-1-ENE					C7 . H14. N2
126	100447	%BENZYL CHLORIDE	887				C7 . H7 .CL1
126	4505548	3-METHYL-1,2,4-CYCLOPENTANETRIONE	892				C6 . H6 . O3
126	22287112	3-ETHYL-4-METHYL-3-PENTEN-2-ONE	506				C8 . H14. O1
126	22319251	4-METHYL-3-HEPTEN-2-ONE					C8 . H14. O1
126	3073663	1,1,3-TRIMETHYLCYCLOHEXANE	907				C9 . H18
126	1187877	5-METHYL-3-METHYLENE-2-HEXANONE	910				C8 . H14. O1
126	20685454	CIS-3,4-DIMETHYL-3-HEXEN-2-ONE	595	927			C8 . H14. O1
126	22319240	2-METHYL-2-HEPTEN-4-ONE	314				C8 . H14. O1
126	4423943	2-ETHYLCYCLOHEXANONE					C8 . H14. O1
126	1004246	4-METHYLENECYCLOHEXANEMETHANOL	500				C8 . H14. O1
126	823767	CYCLOHEXYL METHYL KETONE	434	934			C8 . H14. O1
126	1669449	3-OCTEN-2-ONE	28				C8 . H14. O1
126	513882	1,1-DICHLOROACETONE	827				C3 . H4 . O1 .CL2
126	53907612	2,4,4-TRIMETHYL-2-PENTENAL					C8 . H14. O1
126	645625	2-ETHYL-3-PROPYLACROLEIN	1109				C8 . H14. O1
126	2816571	2,6-DIMETHYLCYCLOHEXANONE	191	928			C8 . H14. O1
126	766392	3,4-DIMETHYL-2,5-FURANDIONE					C6 . H6 . O3
126	7667552	1,2,4-TRIMETHYL-CYCLOHEXANE	1023	305			C9 . H18
126	3664606	7-OCTEN-2-ONE	735				C8 . H14. O1
126	50598500	3,5,5-TRIMETHYL-2(5H)-FURANONE	940				C7 . H10. O2
126	7581977	2,3-DICHLOROBUTENE		910			C4 . H8 .CL2
126	1632264	1,2-DIAZABICYCLO[2.2.2.]OCTAN-3-ONE		898			C6 . H10. N2 . O1
126	3883587	2,2-DIMETHYL-1,3-CYCLOPENTANEDIONE	871	186	181		C7 . H10. O2
127	95512	%*O-CHLOROANILINE		619			C6 . H6 . N1 .CL1
127	108429	%M-CHLOROANILINE	1031	437			C6 . H6 . N1 .CL1
127	3623050	HEXAHYDRO-4-METHYL-2H-AZEPIN-2-ONE		871			C7 . H13. N1 . O1
127	2314785	1-ETHYL-2,5-PYRROLIDINEDIONE	1046	873			C6 . H9 . N1 . O2
127	616428	1-ACETYLPIPERIDINE		874			C7 . H13. N1 . O1
127	458888	CONIINE					C8 . H17. N1
127	18368768	2-CHLORO-3-PICOLINE		1072			C6 . H6 . N1 .CL1
127	29553513	3-METHYLPIPERIDINE-2,6-DIONE	2	92	80	167	C6 . H9 . N1 . O2
128	91203	%+NAPHTHALENE	527	502			C10. H8
128	74975	%CHLOROBROMOMETHANE		104			C1 . H2 .BR1 .CL1
128	62243576	2-METHYL-3-HEXENOIC ACID	468	209			C7 . H12. O2
128	106489	%*$P-CHLOROPHENOL		809			C6 . H5 . O1 .CL1
128	29901857	TRANS-3-HEPTENOIC ACID		231			C7 . H12. O2
128	13603071	%N-NITROSO-3-METHYL PIPERIDINE		1001			C6 . H12. N2 . O1
128	18292290	DIETHYLMETHYLVINYLSILANE	814	400			C7 . H16.SI1
128	106683	3-OCTANONE		229			C8 . H16. O1
128	108436	$M-CHLOROPHENOL		390			C6 . H5 . O1 .CL1
128	6945353	4,4-DIMETHYL-2-PENTENOIC ACID	321	651			C7 . H12. O2
128	15045439	2,2,5,5-TETRAMETHYL THF	96	271	68	119	C8 . H16. O1
128	79436	%BICHLORACETIC ACID					C2 . H2 . O2 .CL2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
128	1004291	2-BUTYL THF	309	312	129		C8 . H16. O1
128	1067205	3,3-DIETHYLPENTANE					C9 . H20
128	3074779	3-ETHYL-4-METHYLHEXANE					C9 . H20
128	26118387	3,3-DIMETHYL-2-HEXANONE		866			C8 . H16. O1
128	95578	$O-CHLOROPHENOL	938	649		180	C6 . H5 . O1 .CL1
128	98895	HEXAHYDROBENZOIC ACID	225	715			C7 . H12. O2
128	275514	%AZULENE	770				C10. H8
128	1071267	2,2-DIMETHYLHEPTANE					C9 . H20
128	2213232	2,4-DIMETHYLHEPTANE					C9 . H20
128	1072055	2,6-DIMETHYLHEPTANE					C9 . H20
128	53907725	7-OCTEN-4-OL	1103				C8 . H16. O1
128	51945983	1,5-HEPTADIENE-3,4-DIOL	78				C7 . H12. O2
128	928687	6-METHYL-2-HEPTANONE	103	909			C8 . H16. O1
128	5932912	4,4-DIMETHYLHEXANAL	875				C8 . H16. O1
128	5363644	1-(ETHENYLOXY)HEXANE	233				C8 . H16. O1
128	16747287	2,3,3-TRIMETHYLHEXANE					C9 . H20
128	5441521	3,5-DIMETHYLCYCLOHEXANOL	107				C8 . H16. O1
128	18217124	5-METHYL-2-HEPTANONE	311	921			C8 . H16. O1
128	111137	%HEXYL METHYL KETONE	680		191		C8 . H16. O1
128	541855	ETHYL AMYL KETONE	917				C8 . H16. O1
128	55670092	2-METHYLENE-1-BUTANOL ACETATE	1140				C7 . H12. O2
128	4351546	CYCLOHEXYL FORMATE	109	296			C7 . H12. O2
128	6137117	4-METHYL-3-HEPTANONE					C8 . H16. O1
128	7307020	2,4-HEPTANEDIONE	487				C7 . H12. O2
128	15120997	1-(TRIMETHYLOXIRANYL)ETHANONE	236				C7 . H12. O2
128	517237	ALPHA-ACETYLBUTYROLACTONE (GAMMA LACTONE)	562				C6 . H8 . O3
128	18409171	2-OCTEN-1-OL	563				C8 . H16. O1
128	5337724	2,6-DIMETHYLCYCLOHEXANOL	742				C8 . H16. O1
128	589639	4-OCTANONE	984				C8 . H16. O1
128	3720227	TETRAHYDRO-3,6-DIMETHYL-2H-PYRAN-2-ONE					C7 . H12. O2
128	2105400	2-METHYL-CYCLOHEXANEMETHANOL					C8 . H16. O1
128	2216344	4-METHYLOCTANE					C9 . H20
128	17429026	4-HYDROXY-4-METHYLCYCLOHEXANONE	958		154	67	C7 . H12. O2
128	15726155	3-METHYL-4-HEPTANONE	685				C8 . H16. O1
128	105215	5-PROPYLDIHYDRO-2-FURANONE		1073			C7 . H12. O2
128	1122607	NITROCYCLOHEXANE	1108				C6 . H11. N1 . O2
129	119653	%ISOQUINOLINE					C9 . H7 . N1
129	1696204	4-ACETYLMORPHOLINE	584	1064			C6 . H11. N1 . O2
129	495103	2-PHENYL ACROLEIN	699				C9 . H7 . N1
129	91225	%QUINOLINE	970	900			C9 . H7 . N1
129	42966643	N-ETHYL-4-METHYL-2-PENTANEAMINE		725			C8 . H19. N1
130	142961	%N-BUTYLETHER		791			C8 . H18. O1
130	104767	2-ETHYL-1-HEXANOL	69	198			C8 . H18. O1
130	6163662	DI-T-BUTYL ETHER		358	153		C8 . H18. O1
130	1460340	2-KETO-3-METHYL VALERIC ACID	1125	808			C6 . H10. O3

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
130	816660	2-KETOISOCAPROIC ACID	364	112			C6 . H10. O3
130	628466	5-METHYL HEXANOIC ACID	308	237			C7 . H14. O2
130	111148	%N-HEPTANOIC ACID	158	120	5	69	C7 . H14. O2
130	58973185	2-METHOXY-3-METHYLCROTONIC ACID	137	643			C6 . H10. O3
130	31367461	3-METHYL-2-HEPTANOL	870	273			C8 . H18. O1
130	1185393	2,2-DIMETHYLVALERIC ACID		119		173	C7 . H14. O2
130	19889373	2-ETHYL-2-METHYLBUTYRIC ACID		672			C7 . H14. O2
130	106707	METHYL CAPROATE	372	872			C7 . H14. O2
130	79016	%ETHYLENE TRICHLORIDE					C2 . H1 .CL3
130	4433856	2-ETHYLACETOACETIC ACID	872				C6 . H10. O3
130	1321740	DIVINYLBENZENE	444			14	C10. H18
130	4475Зи	1,2-DIHYDRONAPHTHALENE	404				C10. H10
130	1561111	4-METHYLHEXANOIC ACID	228	46			C7 . H14. O2
130	4536236	2-METHYLCAPROIC ACID	593	243			C7 . H14. O2
130	123922	%3-METHYL-1-BUTANOL ACETATE	829				C7 . H14. O2
130	625252	2-METHYL-2-HEPTANOL	271				C8 . H18. O1
130	767599	1-METHYL INDENE	61				C10. H10
130	36687997	3-ETHOXY-3-METHYL-2-BUTANONE	484				C7 . H14. O2
130	29006006	6-METHOXY-2-HEXANONE	486	908			C7 . H14. O2
130	546305Ы1	5-METHYL-2-HEPTANOL	220				C8 . H18. O1
130	4352981	2-METHYL-2-PROPYL-1,3-DIOXOLANE	494				C7 . H14. O2
130	111875	%N-OCTANOL	93	685			C8 . H18. O1
130	3054920	2,3,4-TRIMETHYL-3-PENTANOL	286				C8 . H18. O1
130	3730607	2,5-DIMETHYL-2-HEXANOL	291				C8 . H18. O1
130	4405167	2-METHYL-2-ISOPROPYL-1,3-DIOXOLANE	1114				C7 . H14. O2
130	108576	M-DIETHENYLBENZENE	705			15	C10. H10
130	2177471	2-METHYL INDENE					C10. H10
130	767602	3-METHYL INDENE	977				C10. H10
130	55256172	CHLOROFLUOROBENZENE	1101				C6 . H4 .CL1 . F1
130	14979396	4-METHYL-3-HEPTANOL	535				C8 . H18. O1
130	15677153	1,1A,6,6A-TETRAHYDROCYCLOPROP[A]INDENE				32	C10. H10
130	539822	ETHYLVALERATE	1003				C7 . H14. O2
130	3128061	5-OXO-HEXANOIC ACID	578				C6 . H10. O3
130	106672	2-ETHYL-4-METHYL-1-PENTANOL	153				C8 . H18. O1
130	2005	2-ETHYLVALERIC ACID		235			C7 . H14. O2
130	91196	QUINOXALINE					C8 . H6 . N2
130	53907918	2-ETHYL-5-METHYLDIOXANE		467			C7 . H14. O2
130	10150875	4-ACETYLOXY-2-BUTANONE					C6 . H10. O3
130	26952216	ISO-OCTANOL					C8 . H18. O1
131	3475636	%TRIMETHYL NITROSO UREA		455			C4 . H9 . N3 . O2
132	824635	2-METHYL INDAN	454			29	C10. H12
132	119642	TETRALIN	443	751		22	C10. H12
132	824226	4-METHYL INDAN	760	516		30	C10. H12
132	767588	1-METHYL INDAN	717	339		12	C10. H12
132	110941	%GLUTARIC ACID		573			C5 . H8 . O4

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
132	83330	1-INDANONE	1118	587		42	C9 . H8 . O1
132	111897	1,5-DIMETHOXYPENTANE		625			C7 . H16. O2
132	874351	5-METHYL INDAN	456	1012		5	C10. H12
132	5379204	3,5-DIMETHYL STYRENE		132			C10. H12
132	2039896	2,5-DIMETHYL STYRENE		655			C10. H12
132	104552	%CINNAMALDEHYDE	982	486			C9 . H8 . O1
132	71556	%METHYL CHLOROFORM		276			C2 . H3 .CL3
132	1560861	CROTONYLBENZENE	1152				C10. H12
132	768490	(2-METHYL-1-PROPENYL)BENZENE	767				C10. H12
132	2039909	2,6-DIMETHYLSTYRENE	1044	770			C10. H12
132	7525624	3-ETHYLSTYRENE	186			4	C10. H12
132	3454077	4-ETHYLSTYRENE	166	1096	233	2	C10. H12
132	1587048	O-ALLYLTOLUENE	713				C10. H12
132	55724044	5-METHOXY-2-METHYL-2-PENTANOL	551				C10. H12
132	115764	2,2-DIETHYLPROPYLENE GLYCOL	105	729			C7 . H16. O2
132	762469	1-METHYLHEXYLHYDROPEROXIDE	283				C7 . H16. O2
132	7564638	O-ETHYLSTYRENE	986	1048		27	C7 . H16. O2
132	1195320	P-ISOPROPENYLTOLUENE					C10. H12
132	20225245	2-ETHYL PENTANOIC ACID	1087				C10. H12
132	33877871	1,2,3,3A-TETRAHYDRO AZULENE	1021				C7 . H14. O2
132	53907952	1-(1-METHYLPROPOXY)-2-PROPANOL	8				C10. H12
132	5086	PROPYLENE GLYCOL MONOBUTYL ETHER			146		C7 . H16. O2
132	6898	7-METHYLBENZOFURAN					C7 . H16. O2
133	13351738	2-METHYLBENZOTRIAZOLE	657				C9 . H8 . O1
134	1074437	1-METHYL-3-PROPYL BENZENE		998			C7 . H7 . N3
134	135988	SEC-BUTYL BENZENE		783		47	C10. H14
134	2870044	2-ETHYL-1,3-DIMETHYL BENZENE		338			C10. H14
134	934805	4-ETHYL-1,2-DIMETHYL BENZENE	1091	184	227	49	C10. H14
134	1758889	2-ETHYL-1,4-DIMETHYL BENZENE		615	231		C10. H14
134	527844	2-ISOPROPYL TOLUENE (O-CYMENE)					C10. H14
134	934747	1-ETHYL-3,5-DIMETHYL BENZENE	1090	341	222		C10. H14
134	141935	1,3-DIETHYL BENZENE	131	772		3	C10. H14
134	1074175	1-METHYL-2-PROPYL BENZENE		515	224		C10. H14
134	135013	1,2-DIETHYL BENZENE	133			9	C10. H14
134	104518	N-BUTYLBENZENE		525			C10. H14
134	874419	1-ETHYL-2,4-DIMETHYL BENZENE		521	232		C10. H14
134	105055	1,4-DIETHYL BENZENE	132	187		8	C10. H14
134	488233	1,2,3,4-TETRAMETHYL BENZENE		754			C10. H14
134	95932	DURENE		549			C10. H14
134	933982	1-ETHYL-2,3-DIMETHYL BENZENE	1042	522			C10. H14
134	527537	ISODURENE	1092	189			C10. H14
134	629061	1-CHLOROHEPTANE		508			C7 . H15.CL1
134	7169348	BENZOFURANONE		365			C8 . H6 . O2
134	98066	TERT-BUTYLBENZENE		979			C10. H14
134	111900	DIETHYLENE GLYCOL, MONOMETHYL ETHER (CARBITOL)	194	371			C6 . H14. O3

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
134	538932	ISOBUTYL BENZENE		971			C10. H14
134	1074551	1-METHYL-4-PROPYLBENZENE		524	221		C10. H14
134	99876	XP-CYMENE (P-ISOPROPYL TOLUENE)		188			C10. H14
134	535773	META-CYMENE (M-ISOPROPYL TOLUENE)	1068	972			C10. H14
134	280	DIMETHYL ETHYL BENZENE	1124	550	225		C10. H14
134	281	DIMETHYL ETHYL BENZENE		551	226		C10. H14
134	282	DIMETHYL ETHYL BENZENE		973			C10. H14
134	104541	XCINNAMYL ALCOHOL		988			C9 . H10. O1
134	285	METHYL-N-PROPYLBENZENE		631			C10. H14
134	286	METHYL-N-PROPYLBENZENE		632			C10. H14
134	288	CYMENE (ISOMER UNKNOWN)		838			C10. H14
134	289	CYMENE (ISOMER UNKNOWN)		839			C10. H14
134	87412	PHTHALIDE	241	247		149	C8 . H6 . O2
134	106627	2-(2-HYDROXYPROPOXY)-1-PROPANOL (A DIPROPYLENE GLYCOL)	397	274			C6 . H14. O3
134	53951501	ETHYLBENZALDEHYDE	184		113	53	C9 . H10. O1
134	4748781	P-ETHYLBENZALDEHYDE	445				C9 . H10. O1
134	5779942	2,5-DIMETHYLBENZALDEHYDE	208				C9 . H10. O1
134	49826742	2,3-BIS(METHYLENE)-BICYCLO(3.2.1)OCTANE					C10. H14
134	103797	BENZYL METHYL KETONE	214				C9 . H10. O1
134	577162	2*-METHYLACETOPHENONE	446				C9 . H10. O1
134	767986	1,4-DIHYDRO-1-METHYL-4-OXONICOTINONITRILE	826				C7 . H6 . N2 . O1
134	2085883	XZ-METHYL-2-PHENYLOXIRANE	862				C9 . H10. O1
134	93558	XPROPIOPHENONE	935		157		C9 . H10. O1
134	26444199	1-(METHYLPHENYL)ETHANONE	369				C9 . H10. O1
134	621636	2,2-DIETHOXYETHANOL	840				C6 . H14. O3
134	122889	P-METHYL ACETOPHENONE					C9 . H10. O1
134	5973717	3,4-DIMETHYLBENZALDEHYDE	865				C9 . H10. O1
134	110985	DIPROPYLENE GLYCOL	972			188	C6 . H14. N3
134	6628804	2-CHLOROCYCLOHEXANOL					C6 . H11. O1 .CL1
134	29538770	TRANS-4-CHLOROCYCLOHEXANOL					C6 . H11. O1 .CL1
134	95158	BENZOTHIOPHENE		1094			C8 . H6 . S1
135	95169	BENZOTHIAZOLE	467	155		155	C7 . H5 . N1 . S1
135	272162	1,2-BENZISOTHIAZOLE		494			C7 . H5 . N1 . S1
135	99036	XM-AMINOACETOPHENONE	820				C8 . H9 . N1 . O1
135	103833	N,N-DIMETHYLBENZYLAMINE	855	903			C9 . H13. N1
135	3691369	4-ETHYL-2,6-DIMETHYL PYRIDINE		1058			C9 . H13. N1
135	94699	N-(2-METHYLPHENYL)FORMAMIDE		705			C8 . H9 . N1 . O1
135	103844	N-PHENYL ACETAMIDE	852		74	181	C8 . H9 . N1 . O1
135	6086	2-METHYLBENZAMIDE		995			C8 . H9 . N1 . O1
136	118901	ORTHO-TOLUIC ACID	221	30	48	120	C8 . H8 . O2
136	93583	XMETHYL BENZOATE	9	553	13	16	C8 . H8 . O2
136	103822	XPHENYLACETIC ACID	49	35	69	61	C8 . H8 . O2
136	99047	M-TOLUIC ACID	72	15	121	103	C8 . H8 . O2
136	99945	P-TOLUIC ACID	73	42	128	104	C8 . H8 . O2
136	138863	1-METHYL-4-(1-METHYLETHENYL)-CYCLOHEXENE		854			C11. H16

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (Continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DN	AWT	T4	T5	MOLECULAR FORMULA
136	766592	4-ETHYLBENZYL ALCOHOL	764				C9 . H12. O1
136	617947	X2-PHENYLISOPROPANOL	226	686			C9 . H12. O1
136	43142434	3,5-NONADIEN-7-YL-2-OL					C9 . H12. O1
136	536985	P,ALPHA-DIMETHYLBENZYL ALCOHOL	323				C9 . H12. O1
136	591311	M-ANISALDEHYDE	1122				C8 . H8 . O2
136	7339879	4-HYDROXYACETOPHENONE				158	C8 . H8 . O2
136	4013347	1-METHOXYETHYLBENZENE					C9 . H12. O1
136	99843	4-METHYLENE-1-(1-METHYLETHYL)CYCLOHEXENE			182		C10. H16
136	622855	PHENYLPROPYL ETHER		1093			C9 . H12. O1
137	118923	XANTHRANILIC ACID	395	477			C7 . H7 . N1 . O2
137	520694	3-ETHYL-2,4,5-TRIMETHYL-1H-PYRROLE					C9 . H19. N1
137	88722	O-NITROTOLUENE			64	78	C7 . H7 . N1 . O2
137	99994	P-NITROTOLUENE			194		C7 . H7 . N1 . O2
138	471812	3,5,5-TRIMETHYLCYCLOHEX-1-EN-1-ONE		372			C9 . H14. O1
138	99098	X*M-NITROANILINE		996			C6 . H6 . N2 . O2
138	78591	+ISOPHORONE	75	230		76	C9 . H14. O1
138	69727	XSALICYLIC ACID	47	110	143	105	C7 . H6 . O3
138	17299411	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	698	822			C9 . H14. O1
138	17429297	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	968	384			C9 . H14. O1
138	286768	BICYCLO DECANE		626			C14. H18
138	622253	CHLOROVINYLBENZENE	644	993			C8 . H7 .CL1
138	493016	DECALIN	607				C10. H18
138	13747734	2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	325				C9 . H14. O1
138	14377116	1-(1-CYCLOHEPTEN-1-YL)ETHANONE	889				C9 . H14. O1
138	55282981	3,8-NONADIEN-2-ONE	918				C9 . H14. O1
138	93561	XSTYRENE GLYCOL					C8 . H10. O2
138	874688	1-CYCLOHEXYLIDENE ACETONE					C9 . H14. O1
138	623814	XDIETHYL SULFITE	1028				C4 . H10. O3 . S1
138	54955	PENTYLENETETRAZOLE	365				C6 . H10. N4
138	13837713	M-MENTH-1(7)-ENE (R)-(-)	1051				C10. H18
138	122996	2-PHENOXYETHANOL	398				C8 . H10. O2
138	768503	1-(1-CYCLOHEXEN-1-YL)-2-PROPANONE		595			C9 . H14. O1
138	151480	1,3-DIMETHOXYBENZENE					C8 . H10. O2
138	8897	3,4-DIHYDROXYBENZALDEHYDE	576				C7 . H6 . O3
139	100027	X*P-NITRO PHENOL		1069			C6 . H5 . N1 . O3
139	21150016	BETA,BETA-DIMETHYL HISTAMINE		1024			C7 . H13. N3
139	20189428	3-ETHYL-4-METHYL-1H-PYRROLE-2,5-DIONE	195				C7 . H9 . N1 . O2
125	17825864	2,3-dimethylmaleimide	196				C6 . H7 . N1 . O2
139	3717155	4-METHYLBENZALDEHYDE OXIME			192		C8 . H9 . N1 . O1
140	1674335	1,2-DICHLOROPENTANE		507			C5 . H10.CL2
140	873949	3,3,5-TRIMETHYCYCLOHEXANONE	811	792			C9 . H16. O1
140	872059	DECYLENE		251			C10. H20
142	17773669	2,2-DICHLORO-3-METHYLBUTANE	620	665			C5 . H10.CL2
14.	16525056	2,6-DIMETHYL-2-HEPTEN-4-ONE		609			C9 . H16. O1
140	4342683	4-METHYL-3-CYCLOHEXENE-1-CARBOXYLIC ACID		671			C8 . H12. O2

† SEE FOOTNOTE ON LAST PAGE

(Continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
			39	743			
140	507459	AMYLENE DICHLORIDE	249				C5 . H10.CL2
140	23010073	1,3-DICHLORO-2-METHYLBUTANE (A DICHLOROPENTANE)					
140	2408379	2,2,6-TRIMETHYLCYCLOHEXANONE	516				C9 . H16. O1
140	625672	2,4-DICHLOROPENTANE	883				C5 . H10.CL2
140	3508789	3-ALLYL-2,4-PENTANEDIONE	897				C8 . H12. O2
140	33046818	7-METHYL-3-OCTEN-2-ONE	899				C9 . H16. O1
140	1920214	3,4-DIHYDRO-2,5-DIMETHYL-2H-PYRAN-2-CARBOXALDEHYDE	613				C8 . H12. O2
140	3552338	3-ETHYL-4-METHYL-2,5-FURANDIONE	29				C7 . H8 . O3
140	1561202	3,3-DICHLORO-2-PROPENOIC ACID	844				C3 . H2 . O2 .CL2
140	1678984	ISOBUTYLCYCLOHEXANE	230				C10. H20
140	10141227	2,3-DICHLOROISOBUTANAL	824				C4 . H6 . O1 .CL2
140	3664753	(2,2-DIMETHYLCYCLOPENTYL) ETHANONE					C9 . H16. O1
140	7058051	1-ETHYL-2,3-DIMETHYLCYCLOHEXANE	521				C10. H20
140	94655	2-PROPYLCYCLOHEXANONE	736				C9 . H16. O1
140	89963	1-CHLORO-2-ETHYLBENZENE	641				C8 . H9 .CL1
140	1689787	2-ISOPROPYLTHIOPHENE		690			C8 . H12. S1
140	5009325	6-NONENE-2-ONE	1000	501			C9 . H16. O1
140	16523861	CYCLOPENTANE CARBOXYLIC ACID, VINYL ESTER		734			C8 . H12. O2
140	126818	DIMETHYLCYCLOHEXANE DIONE		904			C8 . H12. O2
140	7188623	4-METHOXY-5-METHYL-4-CYCLOPENTEN-1,3-DIONE		704			C7 . H8 . O3
140	2463538	2-NONENAL		1	29	166	C9 . H16. O1
140	8896	2,3-DICHLOROACRYLIC ACID	577				C3 . H2 . O2 .CL2
141	77678	%ETHOSUXIMIDE	298	38			C7 . H11. N1 . O2
141	3470971	N-PROPYLSUCCINAMIDE		416			C7 . H11. N1 . O2
141	5809416	HEXAMETHYLENE ACETAMIDE		1031			C8 . H15. N1 . O1
141	1124534	N-ACETYLCYCLOHEXYLAMINE		316			C8 . H15. N1 . O1
142	90120	%1-METHYLNAPHTHALENE	206	517		57	C11. H10
142	91576	%2-METHYLNAPHTHALENE	169	340	234	56	C11. H10
142	1577191	3-OCTENOIC ACID	478	367			C8 . H14. O2
142	75990	%DALAPON	387	576			C3 . H4 . O2 .CL2
142	124185	%DECANE	1088	149			C10. H22
142	1072168	2,7-DIMETHYLOCTANE	612	664			C10. H22
142	108838	DIISOBUTYL KETONE	217	1027		41	C9 . H18. O1
142	24628368	4,6,6-TRIMETHYLTETRAHYDRO-2-PYRANONE	558	393			C8 . H14. O2
142	585251	2,3-OCTANEDIONE	520				C8 . H14. O2
142	111444	%+$DICHLOROETHYL ETHER	335		189	136	C4 . H8 . O1 .CL2
142	40991933	2-METHYLCYCLOPENTANOL ACETATE	1131				C8 . H14. O2
142	249189	2-HEXEN-1-OL	920				C8 . H14. O2
142	55956371	4,5-DIMETHYL-2-HEPTEN-3-OL	310				C9 . H18. O1
142	622457	%CYCLOHEXYL ACETATE	294				C8 . H14. O2
142	116541	METHYL DICHLOROACETATE	950	933			C3 . H4 . O2 .CL2
142	36712206	TRANS-3-BUTYLTETRAHYDRO-2-METHYLFURAN	780				C9 . H18. O1
142	815247	2,2,4,4-TETRAMETHYL-3-PENTANONE					C9 . H18. O1
142	124196	NONANAL	1160				C7 . H7 . O1 .CL1
142	623121	P-CHLOROANISOLE					

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
142	4621049	4-ISOPROPYLCYCLOHEXANOL	534				C9 . H18. 01
142	18294898	4-OCTENOIC ACID	1017	391			C8 . H14. 02
142	4331548	4-METHYLCYCLOHEXANE CARBOXYLIC ACID	1009				C8 . H14. 02
142	2051301	2,6-DIMETHYLOCTANE					C10. H22
142	1540301	3-ISOPROPYL-2,4-PENTANEDIONE	1030				C8 . H14. 01
142	4032933	2,3,6-TRIMETHYLHEPTANE		1036			C10. H22
142	34003775	5-BUTYLDIHYDRO-2-FURANONE		394			C8 . H14. 02
143	91598	X*2-NAPHTHYLAMINE	1001	495			C10. H9 . N1
143	20193231	N-PROPYL-1-HEXANAMINE	700				C9 . H21. N1
143	1721933	1-METHYLISOQUINOLINE	1055				C10. H9 . N1
143	491350	XP-TOLUQUINONE	1008				C10. H9 . N1
143	1125800	XM-TOLUQUINONE	971	1065			C10. H7 . N1
143	91634	XQUINALDINE		915			C10. H9 . N1
143	115673	5-METHYL-5-ETHYL-2,4-OXAZOLIDINEDIONE	48	33	109	184	C6 . H9 . N1 . O3
144	124072	XCAPRYLIC ACID	71	9	4	161	C8 . H16. 02
144	149575	2-ETHYLHEXANOIC ACID	117	978			C8 . H16. 02
144	2233003	3,3,3-TRICHLOROPROPENE	623	433			C3 . H3 .CL3
144	1014	3-METHOXY-2-METHYL-2-PENTENOIC ACID					C7 . H12. 03
144	706	ETHYL HEXANOIC ACID	1111	107			C8 . H16. 02
144	705	ETHYL HEXANOIC ACID	316	113			C8 . H16. 02
144	41065912	3-ETHYLHEXANOIC ACID		117			C8 . H16. 02
144	1188029	2-METHYLHEPTANOIC ACID	615	70			C8 . H16. 02
144	109217	BUTYL BUTYRATE	587	419			C8 . H16. 02
144	819976	2-BUTYL-N-BUTYRATE	299	262			C7 . H12. 03
144	1008	2-METHOXY-3-METHYL-2-PENTENOIC ACID	~~14~~	~~275~~			C7 . H12. 03
144	1009	2-METHOXY-4-METHYL-2-PENTENOIC ACID	544	652			~~C6 . H8 . O4~~
144	1124136	~~1,2-CYCLOBUTANEDICARBOXYL~~ USE CAS NO. 488211, NEXT PAGE	428	1021		133	C7 . H12. 03
144	41654040	4-KETOISOHEPTANOIC ACID	869		211		C3 . H3 .CL3
144	2567148	1,1,3-TRICHLORO-1-PROPENE	1015				C3 . H3 .CL3
144	21400259	1,1,2-TRICHLORO-1-PROPENE	598				C11. H12
144	18636550	1,1-DIMETHYL INDENE	884				C8 . H16. 02
144	6299667	4-ETHYLHEXANOIC ACID	324				C9 . H20. 01
144	1573280	3,6-DIMETHYL-3-HEPTANOL	313				C7 . H12. 03
144	19424294	4,4,5,5-TETRAMETHYL-1,3-DIOXOLAN-2-ONE	591				C8 . H16. 02
144	97870	BUTYL ISOBUTYRATE	1141				C9 . H20. 01
144	19549770	2,4-DIMETHYL-4-HEPTANOL	1143	1084			C7 . H12. 03
144	637649	TETRAHYDROFURFURYL ACETATE	1145				C7 . H12. 03
144	5185977	5-(ACETYLOXY)-2-PENTANONE	1147				C8 . H16. 02
144	933404	1,1-DIMETHOXYCYCLOHEXANE					C9 . H20. 01
144	623938	5-NONANOL	239				C11. H12
144	53284572	1,2-DIMETHYL INDENE	507				C9 . H20. 01
144	5932796	4-NONANOL	508				C8 . H16. 02
144	17429059	6-METHOXY-2-METHYL-3-HEXANONE	280				C9 . H20. 01
144	19549736	2,6-DIMETHYL-3-HEPTANOL					C9 . H20. 01
144	19788406	5-ETHYL-2-HEPTANOL					

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AMT	T4	T5	MOLECULAR FORMULA
144	6135542	2-T-BUTYL-2-METHYL-1,3-DIOXOLANE	556				C8 . H16. 02
144	62238022	2-BUTOXYPENTANE	561				C9 . H20. 01
144	42329908	2,4-DIMETHYL HEXANOIC ACID	794				C8 . H16. 02
144	54004421	2,3-DIMETHYL-BUTANOIC ACID, ETHYL ESTER					C8 . H16. 02
144	123660	XETHYL HEXANOATE	1004				C8 . H16. 02
144	488211	2,3-DIMETHYLMALEIC ACID	14	50	19	35	C6 . H8 . 04
144	25713375	~~2,3-DIMETHYLMALEIC ACID~~ USE CAS NO. 488211, ABOVE					C6 . H8 . 04
144	106730	METHYL HEPTANOATE	149				C8 . H16. 02
144	90153	1-NAPHTHALENOL					C10. H8 . 01
144	5340363	3-METHYL-3-OCTANOL		1076			C9 . H20. 01
144	144	2-METHOXY-2-HEXENOIC ACID		737			C7 . H12. 03
144	5087	2-ACETYL-3-METHYLBUTANOIC ACID					C7 . H12. 03
145	19064698	AMINOPHTHALAZINE		574			C8 . H7 . N3
146	4912929	1,1-DIMETHYLINDAN					C11. H14
146	1680519	6-METHYL TETRALIN	721	336			C11. H14
146	4175535	1,3-DIMETHYL INDAN					C11. H14
146	2809645	5-METHYL TETRALIN	1072	765			C11. H14
146	1075225	5,6-DIMETHYL INDAN					C11. H14
146	17059482	1,6-DIMETHYL INDAN		963			C11. H14
146	17057828	1,2-DIMETHYL INDAN	1093	964			C11. H14
146	95501	X+$O-DICHLORO BENZENE	143	528	24	74	C6 . H4 .CL2
146	96184	XTRICHLOROPROPANE	44	558			C3 . H5 .CL3
146	3877198	2-METHYL TETRALIN	976	345			C11. H14
146	6682719	4,7-DIMETHYL INDAN		532			C11. H14
146	106467	X++$P-DICHLOROBENZENE	340	834	63	194	C6 . H4 .CL2
146	617	DIMETHYL INDAN		763			C11. H14
146	616	DIMETHYL INDAN		533			C11. H14
146	615	DIMETHYL INDAN	1120	529			C11. H14
146	626517	3-METHYLGLUTARIC ACID		575			C6 . H10. 04
146	124049	XADIPIC ACID		222			C6 . H10. 04
146	1001	1-SEC-BUTOXY-2-METHOXYPROPANE		382			C6 . H10. 02
146	541731	X+$M-DICHLOROBENZENE	651	616	188	134	C6 . H4 .CL2
146	1559815	1-METHYL TETRALIN	947	1013			C11. H14
146	1012	1,3-PROPYLENE GLYCOL, BUTYL METHYL DIETHER		431			C8 . H18. 02
146	28715266	4,7-DIMETHYLBENZOFURAN		828			C10. H10. 01
146	617629	2-METHYLGLUTARIC ACID		236			C6 . H10. 04
146	4830993	1-ETHYL INDAN	718				C11. H14
146	56147638	2-ETHYL INDAN	212				C11. H14
146	122576	BENZILIDENEACETONE	761			153	C10. H10. 01
146	598776	1,1,2-TRICHLOROPROPANE	1168				C3 . H5 .CL3
146	597433	2,2-DIMETHYLSUCCINIC ACID	779				C6 . H10. 04
146	52689244	5-ETHYL INDAN					C11. H14
146	4489843	(3-METHYL-2-BUTENYL)BENZENE					C11. H14
146	6072577	2,3-DIHYDRO-3-METHYL-1H-INDEN-1-ONE					C10. H10. 01
146	3658955	1,1-DIETHOXYBUTANE					C8 . H18. 02

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	ANT	T4	T5	MOLECULAR FORMULA
146	19947229	(1-ETHYL-2-PROPENYL)-BENZENE	1043			51	C11. H14
146	529340	3,4-DIHYDRO-1(2H)-NAPHTHALENONE				80	C10. H10. O1
146	37442550	1-PHENYL-3-BUTEN-2-ONE	706			94	C10. H10. N1
146	6705891	2,2'-BI-1,3-DIOXOLANE	709		107		C6 . H10. O4
146	54063182	(2-ETHOXY-1-METHOXYETHOXY)-ETHENE	401				C7 . H14. O3
146	328507	ALPHA-KETOGLUTARIC ACID	956				C5 . H6 . O5
146	106650	SUCCINIC ACID, DIMETHYL ESTER	366				C6 . H10. O4
146	54063148	4,4,5-TRIMETHYL-1,3-DIOXAN-1-OL		948			C7 . H14. O3
146	144194	2,2,4-TRIMETHYL-1,3-PENTANEDIOL		905			C8 . H18. O2
146	146	4-ISOPROPOXYBUTYRIC ACID		695			C7 . H14. O3
146	94962	2-ETHYL-1,3-HEXANEDIOL		466			C8 . H18. O2
146	5880	A PENTENYLBENZENE				31	C11. H14
146	769255	2,4,6-TRIMETHYLSTYRENE				13	C11. H14
146	1117868	1,2-OCTANEDIOL			27		C8 . H18. O2
147	85416	ISOINDOLE-1,3-DIONE		680			C8 . H5 . N1 . O2
148	98511	1-METHYL-4-TERT-BUTYLBENZENE					C11. H16
148	538681	AMYL BENZENE		1011			C11. H16
148	2049947	ISOPENTYLBENZENE					C11. H16
148	3968852	(2-METHYLBUTYL) BENZENE					C11. H16
148	1196583	3-PHENYLPENTANE					C11. H16
148	4132723	1,4-DIMETHYL-2-ISOPROPYL BENZENE					C11. H16
148	17851273	2,4,5-TRIMETHYLETHYL BENZENE		842			C11. H16
148	25550134	DIETHYL TOLUENE	1006	843		10	C11. H16
148	54120626	1,2,4-TRIMETHYL ETHYL BENZENE		841			C11. H16
148	2049958	(1,1-DIMETHYLPROPYL)BENZENE	716	544		48	C11. H16
148	1007267	NEOPENTYL BENZENE		958			C11. H16
148	2719520	2-PHENYLPENTANE		526			C11. H16
148	4481305	(1,2-DIMETHYLPROPYL)-BENZENE					C11. H16
148	13429077	DIPROPYLENE GLYCOL METHYL ETHER (1-(2-METHOXYPROPOXY)-2-PROPANOL)	461	156	142		C7 . H16. O3
148	55956213	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL (A DIPROPYLENE GLYCOL)	509	220			C7 . H16. O3
148	20324327	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	227	739			C7 . H16. O3
148	55956224	2-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	232	388			C7 . H16. O3
148	426	DIPROPYLENE GLYCOL, METHYL ETHER	250	63		118	C7 . H16. O3
148	425	DIPROPYLENE GLYCOL, METHYL ETHER	126	61		65	C7 . H16. O3
148	100	METHYLISOBUTYL BENZENE	733	756		90	C11. H16
148	108	DIETHYL TOLUENE		761			C11. H16
148	105	DIMETHYL ISOPROPYL BENZENE		762		191	C11. H16
148	104	DIMETHYL ISOPROPYL BENZENE		762	210	101	C11. H16
148	103	DIMETHYL ISOPROPYL BENZENE	1116	530	92	112	C11. H16
148	114	ETHYL TRIMETHYL BENZENE		531			C11. H16
148	113	ETHYL TRIMETHYL BENZENE		750			C11. H16
148	121	C5 BENZENE		527			C11. H16
148	120	C5 BENZENE		344			C11. H16
148	119	C5 BENZENE		759			C11. H16
148	118	C5 BENZENE		757			C11. H16

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
145	115208	%2,2,2-TRICHLOROETHANOL	583	646			C2 . H3 . O1 .CL3
148	13588288	2-(2-METHOXYPROPOXY)-1-PROPANOL (A DIPROPYLENE GLYCOL, ME)		272			C7 . H16. O3
149	4218488	P-ETHYL-ISOPROPYLBENZENE	714	1019		11	C11. H16
148	669045	7-METHYL-3(2H)-BENZOFURANONE		660			C9 . H8 . O2
148	20895414	6-METHYL-3(2H)-BENZOFURANONE	902	438			C9 . H8 . O2
149	3453643	3-METHYL PHTHALIDE		659			C9 . H8 . O2
148	137439	CYCLOPENTYL BROMIDE	627				C5 . H9 .BR1
148	89747	2*,4*-DIMETHYLACETOPHENONE	451				C10. H12. O1
148	487683	2,4,6-TRIMETHYLBENZALDEHYDE	1121				C10. H12. O1
148	5779726	2,4,5-TRIMETHYLBENZALDEHYDE	1064				C10. H12. O1
148	579077	1-PHENYL-1,2-PROPANEDIONE	1157				C9 . H8 . O2
148	937304	%4*-ETHYLACETOPHENONE	58			95	C10. H12. O1
148	2142714	2*,3*-DIMETHYLACETOPHENONE	185				C10. H12. O1
148	2142645	2*-ETHYLACETOPHENONE	70			55	C10. H12. O1
148	1002671	DIETHYLENE GLYCOL, METHYL ETHYL DIETHER	315				C7 . H16. O3
148	54120648	5-METHYL-1(3H)-ISOBENZOFURANONE	504	606			C9 . H8 . O2
148	18328115	PHENYLBUTANAL	911				C10. H12. O1
148	122032	P-ISOPROPYLBENZALDEHYDE; CUMINALDEHYDE	501				C10. H12. O1
148	4706892	2,4-DIMETHYLISOPROPYLBENZENE					C11. H16
148	104461	ANETHOLE					C10. H12. O1
148	5779748	3,4,5-TRIMETHYLBENZALDEHYDE					C10. H12. O1
148	85449	PHTHALIC ANHYDRIDE	15	315			C8 . H4 . O3
148	4920994	M-ETHYLISOPROPYLBENZENE	715				C11. H16
148	4706905	1,3-DIMETHYL-5-(1-METHYLETHYL)-BENZENE					C11. H16
148	2142769	2,6-DIMETHYL ACETOPHENONE	430				C10. H12. O1
148	22699703	3-ETHYLACETOPHENONE	413				C10. H12. O1
148	5161046	P-ISOBUTYLTOLUENE	751				C11. H16
148	700129	PENTAMETHYLBENZENE					C11. H16
148	1075496	4-ETHENYL BENZOIC ACID					C9 . H8 . O2
148	137	5,5-DIMETHYLFURANONE		936			C6 . H8 . O2
148	1007325	1-PHENYL-2-BUTANONE		604			C10. H12. O1
148	529339	1,2,3,4-TETRAHYDRO-1-NAPHTHALENONE				146	C10. H12. O1
149	537928	%M-ACETOTOLUIDE		825			C9 . H11. N1 . O1
149	91667	N,N-DIETHYLANILINE		1062			C10. H15. N1
150	499752	%CARVACROL		749			C10. H14. O1
150	18309325	VERBENONE					C10. H14. O1
150	499069	3,5-DIMETHYLBENZOIC ACID	216	36	124		C9 . H10. O2
150	501520	%HYDROCINNAMIC ACID	222	201	123	105	C9 . H10. O2
150	611018	2,4-DIMETHYLBENZOIC ACID	64	12	133	123	C9 . H10. O2
150	610720	2,5-DIMETHYLBENZOIC ACID	589	41			C9 . H10. O2
150	122601	%GLYCIDYL PHENYL ETHER		827			C9 . H10. O2
150	585342	META-TERT-BUTYLPHENOL		622			C10. H14. O1
150	98544	%P-TERT-BUTYL PHENOL	878	429			C10. H14. O1
150	632462	2,6-DIMETHYLBENZOIC ACID	77	238			C9 . H10. O2
150	603792	2,3-DIMETHYLBENZOIC ACID	189	124			C9 . H10. O2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
150	492375	2-PHENYLPROPIONIC ACID	845	16	122	121	C9 . H10. O2
150	3299056	(1-ETHOXYETHYL)BENZENE	381				C10. H14. O1
150	88186	O-TERT-BUTYLPHENOL					C10. H14. O1
150	93890	%ETHYL BENZOATE		798			C9 . H10. O2
150	619045	3,4-DIMETHYLBENZOIC ACID	336		218	52	C9 . H10. O2
150	119675	2-FORMYLBENZOIC ACID	223	109	7		C8 . H6 . O3
150	1809165	3-BROMOPENTANE					C5 . H11.BR1
150	28134318	4-ETHYLBENZOIC ACID		1092			C9 . H10. O2
150	101417	PHENYL ACETIC ACID, METHYL ESTER	334	48	36	88	C9 . H10. O2
150	26967657	DIETHYL PHENOL, (UNKNOWN ISOMER)	149				C10. H14. O1
150	27577964	2-XYLYLETHANOL					C10. H14. O1
150	533186	O-CRESYL ACETATE	981				C9 . H10. O2
150	619647	P-ETHYLBENZOIC ACID	301	726	50		C9 . H10. O2
150	590023	BUTYL CHLOROACETATE			111	107	C6 . H11. O2 .CL1
151	2634335	1,2-BENZISOTHIAZOL-3(2H)-ONE			265		C7 . H5 . N1 . O1 . S1
151	934349	2(3H)-BENZOTHIAZOLONE	1054				C7 . H5 . N1 . O1 . S1
151	7214611	(1-NITROETHYL)BENZENE	936				C8 . H9 . N1 . O2
151	721461	~~(1-NITROETHYL)BENZENE~~ USE CAS NO. 7214611, ABOVE					C8 . H9 . N1 . O2
151	99514	1,2-DIMETHYL-4-NITROBENZENE	382				C8 . H9 . N1 . O2
151	27655261	3-HYDROXY-1,2-BENZISOTHIAZOLE			180		C7 . H5 . N1 . O1 . S1
152	1195795	FENCHONE	477	556			C10. H16. O1
152	76222	%CAMPHOR	363	356	149	114	C10. H16. O1
152	122598	PHENOXY ACETIC ACID	297	14	112		C8 . H8 . O3
152	100094	ANISIC ACID	246	572	54	110	C8 . H8 . O3
152	184438	1-UNDECYNE		823			C11. H20
152	2243983	5-UNDECYNE		824			C11. H20
152	89816	PIPERIDONE		860			C10. H16. O1
152	612204	2-(HYDROXYMETHYL)BENZOIC ACID	579	448			C8 . H8 . O3
152	83489	O-CRESOTIC ACID	1060				C8 . H8 . O3
152	579759	O-ANISIC ACID	433	482	173	109	C8 . H8 . O3
152	1197097	3',4'-DIHYDROXYACETOPHENONE	1057		89		C8 . H8 . O3
152	586389	3-METHOXYBENZOIC ACID	524	483			C8 . H8 . O3
152	547604	2,6,6-TRIMETHYL-BICYCLO[3.1.1]HEPTAN-3-ONE					C10. H16. O1
152	4695629	O-FENCHONE	784				C10. H16. O1
152	26532241	(3,3-DIMETHYLCYCLOHEXYLIDENE)ACETALDEHYDE					C10. H16. O1
152	4884246	(1,1'-BICYCLOPENTYL)-2-ONE			204		C10. H16. O1
152	551451	4-HYDROXY-3-METHYL-2-(2-PROPENYL)-2-CYCLOPENTEN-1-ONE	781				C9 . H12. O2
152	24955633	CIS-1,3-DICHLOROCYCLOHEXANE	549		11	168	C6 . H10.CL2
152	15932806	PULEGONE					C10. H16. O1
152	10292985	4,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE	816				C10. H16. O1
152	121335	%VANILLIN					C8 . H8 . O3
152	567613	2-HYDROXY-6-METHYLBENZOIC ACID					C8 . H8 . O3
152	31600552	METHOXYMETHOXYMETHYLBENZENE					C9 . H12. O2
152	432257	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE	420				C10. H16. O1
152	90642	%MANDELIC ACID	745	52			C8 . H8 . O3

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
152	621625	%2-CHLORO-1,1-DIETHOXYETHANE	111				C6 . H13. O2 .CL1
152	208968	ACENAPHTHYLENE		301			C12. H8
152	4501588	2,2,3-TRIMETHYL-3-CYCLOPENTENE-1-ACETALDEHYDE		480			C10. H16. O1
152	499741	6-METHYL-3-ISOPROPYL-2-CYCLOHEXEN-1-ONE		599			C10. H16. O1
152	2958761	2-METHYLDECALIN				24	C11. H20
152	2108921	1,1-DICHLOROCYCLOHEXANE			76	72	C6 . H10.CL2
152	822866	1,2-DICHLOROCYCLOHEXANE			239	21	C6 . H10.CL2
153	1984049	1-ISOCYANONAPHTHALENE	287		205		C11. H7 . N1
153	29559340	HEXAHYDRO-3-(2-PROPENYL)-2H-AZEPIN-2-ONE	743				C9 . H15. N1 . O1
154	92524	%BIPHENYL	170	346			C12. H10
154	470826	%CINEOLE	483	552			C10. H18. O1
154	124765	EXO-BORNEOL		354			C10. H18. O1
154	507700	%ENDO-BORNEOL	237	355			C10. H18. O1
154	586823	1-METHYL-4-(1-METHYLETHYL)-3-CYCLOHEXEN-1-OL		194			C10. H18. O1
154	513235	%THUJYL ALCOHOL		793			C10. H18. O1
154	10458147	MENTHONE	787	570			C10. H18. O1
154	1632731	FENCHYL ALCOHOL	234	357		138	C10. H18. O1
154	527	4-TERPINEOL ISOMER		198			C10. H18. O1
154	526	4-TERPINEOL ISOMER		136			C10. H18. O1
154	11039728	CIS-1,2-CIS-2,3-PLINOL		359			C10. H18. O1
154	99912	*P-CHLOROACETOPHENONE		1017			C8 . H7 . O1 .CL1
154	4840760	VINYL CYCLOHEXYLFORMATE		385			C9 . H14. O2
154	83329	%+ACENAPHTHALENE	995	744			C12. H10
154	821954	1-UNDECENE		252			C11. H22
154	98555	%ALPHA-TERPINEOL					C10. H18. O1
154	45955666	ETHENYL CYCLOPENTANEACETATE		282			C9 . H14. O2
154	16502888	4,4-DICHLOROBUTENOIC ACID	394	930			C4 . H4 . O2 .CL2
154	89861	BETA-RESORCYLIC ACID	928				C7 . H6 . O4
154	20547993	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	218	733	155		C9 . H14. O2
154	15404576	1,3,3,7-TETRAMETHYL-2-OXOBICYCLO[2.2.1]HEPTANE	312				C10. H18. O1
154	476677	1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLO[2.2.1]HEPTANE	473				C10. H18. O1
154	17983221	METHYL 2,2,3-TRIMETHYLCYCLOPENTYL KETONE	489				C10. H18. O1
154	2903233	2-METHYL-2-NONEN-4-ONE	723				C10. H18. O1
154	4099074	1,2-DIMETHYL-3-ISOPROPENYLCYCLOPENTANOL	785				C10. H18. O1
154	13509529	%1,3,6-TRIMETHYL-2,4(1H,3H)-PYRIMIDINEDIONE	1080				C7 . H10. N2 . O2
154	580992	3,5-DIMETHOXYPHENOL	272				C8 . H10. O3
154	54244892	4,5-DIETHYL-2,3-DIHYDRO-2,3-DIMETHYLFURAN	289				C10. H18. O1
154	532274	OMEGA-CHLOROACETOPHENONE					C8 . H7 . O1 .CL1
154	499767	2-METHLY-5-ISOPROPYLCYCLOHEXANONE	1032				C10. H18. O1
154	54244723	4-BUTYL-1,3-CYCLOPENTANEDIONE	749				C9 . H14. O2
154	1667045	2-CHLORO-1,3,5-TRIMETHYLBENZENE	655				C9 . H11.CL1
154	10482561	2-(4-METHYL-3-CYCLOHEXENYL)ISOPROPANOL		1104			C10. H18. O1
155	13861999	N-METHYLETHOSUXIMIDE		421			C8 . H13. N1 . O2
155	4419572	1-VALERYLPYRROLIDINE		870			C9 . H17. N1 . O1
156	569415	1,8-DIMETHYLNAPHTHALENE			196		C12. H12

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
156	581420	%2,6-DIMETHYLNAPHTHALENE	804	536			C12. H12
156	571584	%1,4-DIMETHYLNAPHTHALENE	1094	519			C12. H12
156	571619	1,5-DIMETHYLNAPHTHALENE					C12. H12
156	582161	2,7-DIMETHYLNAPHTHALENE		633			C12. H12
156	1127760	1-ETHYLNAPHTHALENE	406	955			C12. H12
156	1005	2-ACETYL-4-METHYL-4-PENTENOIC ACID		331			C8 . H12. O3
156	31642678	8-NONENOIC ACID		90			C4 . H16. O2
156	89781	%MENTHOL	235	790			C10. H20. O1
156	939275	%2-ETHYL NAPHTHALENE	452	518	195	96	C12. H12
156	581408	%2,3-DIMETHYLNAPHTHALENE		784			C12. H12
156	700	METHYL OCTENOATE		366			C9 . H16. O2
156	575439	1,6-DIMETHYLNAPHTHALENE	1071	537			C12. H12
156	573988	1,2-DIMETHYL NAPHTHALENE	2	975			C12. H12
156	300	DIMETHYL NAPHTHALENE	978	347			C12. H12
156	118912	O-CHLOROBENZOIC ACID	588	53			C7 . H5 . O2 .CL1
156	74113	%P-CHLOROBENZOIC ACID	514	43		177	C7 . H5 . O2 .CL1
156	708	CHLOROBENZOIC ACID ISOMER		375			C7 . H5 . O2 .CL1
156	741113	INVALID CAS NUMBER, SUBSTITUTE NUMBER 74113					C7 . H5 . O2 .CL1
156	575417	1,3-DIMETHYNAPHTHALENE	766	636	184		C12. H12
156	1370521	2-PHENYL-1,4-CYCLOHEXADIENE	418	1003			C12. H12
156	301	DIMETHYLNAPHTHALENE		397			C12. H12
156	575371	1,7-DIMETHYLNAPHTHALENE					C12. H12
156	535808	M-CHLOROBENZOIC ACID	637	123			C7 . H5 . O2 .CL1
156	820291	5-DECANONE		865			C10. H20. O1
156	624168	4-DECANONE		1029			C10. H20. O1
156	13491797	2-TERT-BUTYLCYCLOHEXANOL		279			C10. H20. O1
156	302	DIMETHYLNAPHTHALENE		635			C12. H12
156	13023002	2,2-DICHLOROBUTYRIC ACID	635	735			C4 . H6 . O2 .CL2
156	4794052	2,5-CYCLOHEXADIENYLBENZENE	457				C12. H12
156	106229	%BETA-CITRONELLOL	891				C10. H20. O1
156	1502652	CYCLODECANOL	908				C10. H20. O1
156	55013326	CIS-5-BUTYLDIHYDRO-4-METHYL-2(3H)-FURANONE	912				C9 . H16. O2
156	56052858	5-(PENTYLOXY)-2-PENTENE	492	602	190		C10. H20. O1
156	112312	%CAPRALDEHYDE	1081				C10. H20. O1
156	1120214	UNDECANE					C11. H24
156	123682	%2-PROPENYL HEXANOATE	537				C9 . H16. O2
156	1022	7-NONENOIC ACID	1041	679			C9 . H16. O2
156	3112854	METHYLSULFONYL BENZENE	370				C7 . H8 . O2 . S1
156	16519247	1-(2-PROPENYLOXY)HEPTANE	999	747			C10. H20. O1
156	13703521	(1,4-CYCLOHEXADIEN-1-YL)BENZENE		329			C12. H12
156	2518721	BARBITAL		931			C6 . H8 . N2 . O3
156	4124883	3-NONENOIC ACID					C9 . H16. O2
156	31502235	6-NONENOIC ACID		47			C9 . H16. O2
156	535159	ETHYL DICHLOROACETATE			217		C4 . H6 . O2 .CL2
156	2210480	2-DECEN-1-OL					C10. H20. O1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
157	761659	N,N-DI-N-BUTYL FORMAMIDE		195			C9 . H19. N1 . O1
157	121733	%M-CHLORONITROBENZENE	648	1002			C6 . H4 . N1 . O2 .CL1
157	877430	%2,6-DIMETHYLQUINOLINE		640			C11. H11. N1
157	1115964	N,N-DIMETHYLHEPTANAMIDE		137			C9 . H19. N1 . O1
157	7661474	7-ETHYLQUINOLINE		1023			C11. H11. N1
157	100005	P-CHLORONITROBENZENE	1095				C6 . H4 . N1 . O2 .CL1
157	88733	%O-CHLORONITROBENZENE	805	890			C6 . H2 . N1 . O2 .CL1
157	1721897	2-3-DIMETHYL QUINOLINE	701				C11. H11. N1
157	2623509	5,8-DIMETHYLQUINOLINE	1169				C11. H11. N1
157	1198374	%2,4-DIMETHYLQUINOLINE					C11. H11. N1
157	3434	3-HYDROXY-1,2-BENZISOTHIAZOLE		472			C7 . H5 . N1 . O1 . S1
157	16627353	N,N-DIETHYL-4-METHYL-2-PENTANAMINE				93	C10. H23. N1
158	4994165	4-PHENYLCYCLOHEXENE		512			C12. H14
158	112050	%PELARGONIC ACID	51	88	34		C9 . H18. O2
158	924163	%DI-N-BUTYLNITROSAMINE		977			C8 . H18. N2 . O1
158	2216695	METHOXYNAPHTHALENE		801			C11. H10. O1
158	504994	METHYLCAPRYLIC ACID		224			C9 . H18. O2
158	78693	TETRAHYDROLINALOOL		583			C10. H22. O1
158	3302123	2,2,4,4-TETRAMETHYL PENTANOIC ACID	23	248			C9 . H18. O2
158	60148949	2,6-DIMETHYLHEPTANOIC ACID	1127	642			C9 . H18. O2
158	41654095	2-ETHYL-3-METHYLMALEIC ACID	7	17	6	17	C7 . H10. O4
158	28098808	2-ETHYL-3-METHYLFUMARIC ACID	118	281			C7 . H10. O4
158	112061	HEPTYL ACETATE		875			C9 . H18. O2
158	4305264	6-(ACETYLOXY)-2-HEXANONE	256				C8 . H14. O3
158	1120065	2-DECANOL	877				C10. H22. O1
158	4749273	3,3,3-TRICHLORO-2-METHYLPROPENE					C4 . H5 .CL3
158	51149703	1-ETHOXY-2-HEPTANONE	885				C9 . H18. O2
158	112301	%N-DECYL ALCOHOL	441				C10. H22. O1
158	13279862	1,1,3-TRICHLORO-1-BUTENE					C4 . H5 .CL3
158	935455	2-ETHYL-2-ISOBUTYL-1,3-DIOXOLANE	511				C9 . H18. O2
158	56009360	2-METHOXY-4-METHYL-2-PENTENOIC ACID, METHYL ESTER	285				C8 . H14. O3
158	31702337	1,1,3-TRICHLORO-2-METHYL-1-PROPENE	1102				C4 . H5 .CL3
158	14112982	7-OXO-OCTANOIC ACID	1020	1071			C8 . H14. O3
158	3274291	2-ETHYLHEPTANOIC ACID	636	914			C9 . H18. O2
158	106309	%HEPTANOIC ACID,ETHYL ESTER	663				C9 . H18. O2
158	111115	METHYLCAPRYLATE	373				C9 . H18. O2
158	7469774	2-METHYL-1-NAPHTHALENOL	939				C11. H10. O1
158	2007	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID		681	56		C7 . H10. O4
158	3004931	2-METHYLCAPRYLIC ACID				174	C9 . H18. O2
158	16537125	3,3-DIMETHYL-2-(1-METHYLETHYL)BUTANOIC ACID					C9 . H18. O2
159	1640397	2,3,3-TRIMETHYL-3H-INDOLE		648			C11. H13. N1
159	3375846	3-(2-HYDROXYPROPYL)-5-METHYL-2-OXAZALIDINONE		691			C7 . H13. N1 . O3
160	1076615	6,7-DIMETHYL TETRALIN					C12. H16
160	1985597	1,1-DIMETHYL TETRALIN		183			C12. H16
160	54340884	1,5,7-TRIMETHYL INDAN		779			C12. H16

† SEE FOOTNOTE ON LAST

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
160	54340873	1,4,7-TRIMETHYL INDAN		965			C12. H16
160	6682060	4,5,7-TRIMETHYLINDAN		952			C12. H16
160	827521	PHENYLCYCLOHEXANE	1002	954			C12. H16
160	2044000	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID		207			C6 . H8 . O5
160	4839467	3,3 DIMETHYLGLUTARIC ACID		211			C7 . H12. O4
160	2613765	1,1,3-TRIMETHYL INDAN		969			C12. H16
160	25419334	1,8-DIMETHYL TETRALIN		974			C12. H16
160	13065871	2,7-DIMETHYL TETRALIN		534			C12. H16
160	61898586	3-METHYL ADIPIC ACID		837			C7 . H12. O4
160	681572	2,2-DIMETHYLGLUTARIC ACID	368	428			C7 . H12. O4
160	55724737	4-BUTOXYBUTYRIC ACID	331	451		179	C8 . H16. O3
160	56298750	1-ETHYL-1-METHYL INDAN					C12. H16
160	32367547	2-ETHYL TETRALIN	758			92	C12. H16
160	22531200	6-ETHYL TETRALIN	841				C12. H16
160	21564921	2,3-DIMETHYL TETRALIN	1062				C12. H16
160	2388149	4-ISOPROPYL-ALPHA-METHYL STYRENE					C12. H16
160	2568925	DI-SEC-BUTOXYMETHANE	903				C9 . H20. O2
160	918883	1,1,1-TRICHLORO-2-PROPANONE	110				C3 . H3 . O1 .CL3
160	620202	1-CHLORO-3-(CHLOROMETHYL)BENZENE	825				C7 . H6 .CL2
160	42775757	5-ETHYLTETRALIN					C12. H16
160	56282430	(1-CYCLOPROPYLISOPROPYL)BENZENE					C12. H16
160	16440974	5,6-DIMETHYL-1-INDANONE	197				C11. H12. O1
160	56667108	1-PHENYL-2-CYCLOPENTEN-1-OL					C11. H12. O1
160	54340895	1-(1,3-DIMETHYLBUTOXY)-2-PROPANOL	691				C9 . H20. O2
160	5004488	4-METHYL-1-PHTHALAZINONE	361				C9 . H8 . N2 . O1
160	1604111	METHYL SUCCINATE,DIMETHYL ESTER	661				C7 . H12. O4
160	14292274	3-HYDROXYOCTANOIC ACID	575			108	C8 . H16. O3
161	95761	%3,4-DICHLOROANILINE		410	249		C6 . H5 . N1 .CL2
161	608275	2,3-DICHLOROANILINE	344				C6 . H5 . N1 .CL2
161	554007	2,4-DICHLOROANILINE					C6 . H5 . N1 .CL2
161	23102025	4-METHYL-4-NITROPENTANOIC ACID		121	47		C6 . H15. N1 . O4
161	31030543	4-METHYL-4-NITROVALERIC ACID					C6 . H11. N1 . O4
161	4377359	2-(DICHLOROMETHYL)PYRIDINE					C6 . H5 . N1 .CL2
162	1985575	(1,1-DIMETHYLBUTYL) BENZENE	769	335			C12. H18
162	54410694	(3-METHYLPENTYL) BENZENE		960			C12. H18
162	19262205	(1,2,2-TRIMETHYLPROPYL) BENZENE		959			C12. H18
162	28080866	(2,2-DIMETHYLBUTYL) BENZENE		776			C12. H18
162	54410741	1-METHYL-2-(1-ETHYLPROPYL) BENZENE		960			C12. H18
162	19219853	(2-ETHYLBUTYL) BENZENE		961			C12. H18
162	99627	1,3-DISOPROPYL BENZENE		185			C12. H18
162	55669880	1,4-DIMETHYL-2-ISOBUTYL BENZENE	1012	953			C12. H18
162	6031023	2-PHENYLHEXANE		773			C12. H18
162	645136	4-ISOPROPYLACETOPHENONE	812	151			C11. H14. O1
162	54446785	1-(2-BUTOXYETHOXY) ETHANOL	384				C8 . H18. O3
162	1009616	DIACETYLBENZENE	120	795			C10. H10. O2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
162	54115	%NICOTINE	684	561			C10. H14. N2
162	645736	INVALID CAS NUMBER, SUBSTITUTE NUMBER 645136					C11. H14. O1
162	112367	BIS(2-ETHOXYETHYL)ETHER	854	206			C8 . H18. O3
162	250	C6-BENZENE		758			C12. H18
162	100185	P-DIISOPROPYL BENZENE	725	343			C12. H18
162	112345	2-(2-BUTOXYETHOXY)ETHANOL (A DIETHYLENE GLYCOL, MONO- BUTYL ETHER	79	4			C8 . H18. O3
162	120832	%**$2,4-DICHLOROPHENOL	471	422	52		C6 . H4 . O1 .CL2
162	91587	%**$2-CHLORONAPHTHALENE					C10. H7 .CL1
162	431	DIETHYLENE GLYCOL, BUTYL ETHER	116	39			C8 . H18. O3
162	1866393	P-TOLYL ACRYLIC ACID		862			C10. H10. O2
162	108850	%CYCLOHEXYL BROMIDE	277		245		C6 . H11.BR1
162	38393929	2,3-DIHYDRO-3,3-DIMETHYL-1H-INDEN-1-OL	1048				C11. H14. O1
162	877441	1,2,4-TRIETHYLBENZENE	442				C12. H18
162	102250	1,3,5-TRIETHYLBENZENE	424			91	C12. H18
162	55682730	2,2-DIMETHYL-3,5-DECADIYNE	455				C12. H18
162	4815570	P-DIPROPYLBENZENE	768				C12. H18
162	1483609	2,4-DIMETHYL-1-SEC-BUTYLBENZENE	762			28	C12. H18
162	22975582	P-(1-ETHYLPROPYL)TOLUENE	1138				C12. H18
162	2142656	O-ISOPROPYLACETOPHENONE	1149				C11. H14. O1
162	76039	%TCA (TRICHLOROACETIC ACID)	252				C2 . H1 . O2 .CL3
162	591355	%3,5-DICHLOROPHENOL	1074	916	51		C6 . H4 . O1 .CL2
162	75274	%BROMODICHLOROMETHANE	33		60	6	C1 . H1 .BR1 .CL2
162	42205083	1,2,3-TRIETHYLBENZENE					C12. H18
162	1077163	1-PHENYLHEXANE					C12. H18
162	20895447	4,6-DIMETHYLBENZOFURANONE					C10. H10. O2
162	1667012	2#,4#,6#-TRIMETHYLACETOPHENONE					C11. H14. O1
162	13524760	3,3-DIMETHYL-2(3H)-FURANONE	1034	1097			C10. H10. O2
162	583040	2-ALLYL BENZOATE					C10. H10. O2
162	5678	ALPHA-METHYLENE BENZENE PROPANOIC ACID		245			C10. H10. O2
162	2235838	5-PHENYL-2-PENTANONE		600			C11. H14. O1
162	2495394	2-BENZYLACRYLIC ACID		55			C10. H10. O2
162	583788	2,5-DICHLOROPHENOL			136		C6 . H4 . O1 .CL2
162	95772	3,4-DICHLOROPHENOL					C6 . H4 . O1 .CL2
163	524389	N-HYDROXYPHTHALAMIDE	160		165		C8 . H5 . N1 . O3
164	90277	2-PHENYLBUTYRIC ACID	523	100	156		C10. H12. O2
164	528905	2,4,5-TRIMETHYLBENZOIC ACID	431	125			C10. H12. O2
164	939480	ISOPROPYL BENZOATE	164	564			C10. H12. O2
164	536663	P-ISOPROPYL BENZOIC ACID	393	115	145		C10. H12. O2
164	112356	TRIETHYLENE GLYCOL METHYL ETHER	421	590			C7 . H16. O4
164	1821121	1-PHENYLBUTYRIC ACID	479	51			C10. H12. O2
164	488637	2,4,6-TRIMETHYLBENZOIC ACID	219	213			C10. H12. O2
164	1017	2-(2-(2-METHOXYETHOXY)ETHOXY)ETHANOL	1067				C7 . H16. O4
164	22064895	2-METHYLPHENYLPROPANOIC ACID	585				C10. H12. O2
164	98271	4-TERT-BUTYL-2-METHYLPHENOL	359	997			C11. H16. O1
164	3377875	3-HEXYL BROMIDE	1167				C6 . H13.BR1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
164	1076477	2,3,4-TRIMETHYLBENZOIC ACID	722				C10. H12. O2
164	2438042	O-ISOPROPYLBENZOIC ACID	1075		134		C10. H12. O2
164	2529364	2,3,6-TRIMETHYL BENZOIC ACID	727	239			C10. H12. O2
164	2437663	2,3,5-TRIMETHYLBENZOIC ACID					C10. H12. O2
164	101973	%BENZENEACETIC ACID,ETHYL ESTER	666				C10. H12. O2
164	56588480	CIS-2,3-DIHYDRO-2-METHYL-1H-INDENE-1,2-DIOL	1047				C10. H12. O2
164	127184	%ETHYLENE TETRACHLORIDE	415	1047			C2 .CL4
164	23617712	METHYL-2,4-DIMETHYL BENZOATE	343				C10. H12. O2
164	25081394	METHYL-3,5-DIMETHYL BENZOATE	136				C10. H12. O2
164	15012369	METHYL-2,3-DIMETHYL BENZOATE	990				C10. H12. O2
164	4346183	METHYL P-ETHYLBENZOATE	667		176	54	C10. H12. O2
164	103253	PHENYLPROPIONIC ACID,METHYL ESTER	378				C10. H12. O2
164	672764	2-HYDROXY-5-ISOPROPYL-2,4,6-CYCLOHEPTATRIEN-1-ONE					C10. H12. O2
164	103457	(2-PHENYLETHYL)ACETATE	980				C10. H12. O2
164	826551	BETA,BETA-DIMETHYLPHENYLACETIC ACID	846	244			C10. H12. O2
164	7495843	3-(P-TOLYL)PROPIONIC ACID				122	C10. H12. O2
164	7364207	METHYL P-ETHYLBENZOATE			169		C10. H12. O2
165	40991386	3-METHOXY-1,2-BENZISOTHIAZOLE	624	249			C8 . H7 . N1 . O1 . S1
165	5279141	(1-NITROPROPYL)BENZENE	207				C9 . H11. N1 . O2
165	17322348	2-NITROPROPYLBENZENE					C9 . H11. N1 . O2
165	18030781	1,7-DIHYDRO-2-(METHYLAMINO)-6H-PURIN-6ONE	1052				C6 . H7 . N5 . O1
165	5325202	1,4-BENZOTHIAZIN-3-ONE		713	73		C8 . H7 . N1 . O1 . S1
165	55956291	4-ETHOXYETHYLANILINE			116		C10. H15. N1 . O1
166	86737	%+9H-FLUORENE	944	753			C13. H10
166	79345	%$1,1,2,2-TETRACHLOROETHANE	157	26			C2 . H2 .CL4
166	42058593	METHYL 3-HYDROXYPHENYLACETATE					C9 . H10. O3
166	100210	TEREPHTHALIC ACID	622	223			C8 . H8 . O4
166	88993	%PHTHALIC ACID	85	111	44	111	C8 . H6 . O4
166	93254	ANISOLE-2-ACETIC ACID		425			C9 . H10. O3
166	5368820	METHYL 3-METHOXYBENZOATE	886	1025			C9 . H10. O3
166	55702540	3-CYCLOHEXYL-4-PENTEN-2-ONE		445			C11. H18. O1
166	1013	2,6-DIMETHYLPHENOXY CARBONIC ACID	1156				C9 . H18. O3
166	181157	SPIRODODECANE	765	698			C12. H22
166	120.49	VERATRALDEHYDE	496				C9 . H10. O3
166	4230324	BORNYL 2,5-DIKETONE	790				C10. H14. O2
166	55638501	2,2-DIMETHYL-3,5-DECADIENE	838				C12. H22
166	21293027	TRANS,CIS-4,5-DIETHYL-3,5-OCTADIENE					C12. H22
166	28017790	5,5-DIMETHYL-3-ISOPROPYL-2-CYCLOHEXENONE	1099				C11. H18. O1
166	42180825	5-CHLORO-2-METHYLBENZOFURAN	188				C7 . H7 . O1 .CL1
166	1008806	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	425				C12. H22
166	1618220	2,6-DIMETHYL DECALIN	1007				C12. H22
166	1750512	1,6-DIMETHYL DECALIN					C12. H22
166	1024	M-METHOXYPHENYL ACETATE		804			C9 . H10. O3
166	515300	.ALPHA.-HYDROXY-.ALPHA.-METHYL BENZENE ACETIC ACID	748	603			C9 . H10. O3
166	25551499	ETHYLDECALIN				26	C12. H22

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
166	1701775	METHOXY TOLUIC ACID				189	C9 . H10. 03
166	527184	1,4-DIHYDROXYTETRAMETHYLBENZENE			171		C10. H14. 02
166	203805	PHENALENE		1095			C13. H10
167	62237	XP-NITROBENZOIC ACID	929				C7 . H5 . N1 . 04
168	643583	2-METHYL BIPHENYL	171	755			C13. H12
168	101815	DIPHENYLMETHANE	403	782			C13. H12
168	58548382	METHYL ACENAPHTHENE (ISOMER UNKNOWN)		976			C13. H12
168	2489863	1-ALLYLNAPHTHALENE	850	1005	185		C13. H12
168	112414	ALPHA-DODECYLENE		253			C12. H24
168	16354953	1-PHENYL-1,2,3-PROPANETRIOL		267			C9 . H12. 03
168	10453891	CHRYSANTHEMIC ACID	548	280			C10. H16. 02
168	643936	3-METHYLBIPHENYL	209		199		C13. H12
168	3664640	4,6-DIMETHYL-7-NONEN-2-ONE	786				C11. H20. 01
168	54411039	3-METHYL-3-DECEN-2-ONE	901				C11. H20. 01
168	2648591	1,1-DICHLORO-2-HEXANONE	327				C6 . H10. 01 .CL2
168	2648604	4,4-DICHLORO-3-HEXANONE	328				C6 . H10. 01 .CL2
168	46805098	3-BUTYL-1,2,4-CYCLOPENTANETRIONE					C9 . H12. 03
168	40648268	1-TERT-BUTOXY-2-METHYLCYCLOHEXENE	1148				C11. H20. 01
168	132649	DIBENZOFURAN (DIPHENYLENE OXIDE)	634				C12. H8 . 01
168	121346	VANILLIC ACID					C8 . H8 . 04
168	53299539	(2-CHLORO-2-PROPENYL)OXYBENZENE	746				C9 . H9 . 01 .CL1
168	35692989	2-HYDROXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE,1,4-DIONE	843				C9 . H12. 03
168	54410843	1-BROMO-2-CHLORO-2-BUTENE	941				C4 . H6 .BR1 .CL1
168	54411211	(1-CHLOROETHYL)DIMETHYLBENZENE	1162				C10. H13.CL1
168	4395793	2-CHLORO-P-CYMENE	947				C10. H13.CL1
168	644386	4-METHYL BIPHENYL			200		C13. H12
168	28645036	3-METHYLOCTAHYDROPENTALENE-1-CARBOXYLIC ACID		692			C10. H16. 02
168	33993349	4-HYDROXY-OCTAHYDRO-1-NAPHTHALENONE		693			C10. H16. 02
168	32511061	2,2-DIMETHYL-3-(2-METHYL-1-PROPENYL)CYCLOPROPANE CARBOX-		694			C10. H16. 02
169	122394	X*DIPHENYLAMINE		7			C12. H11. N1
169	92671	X*4-PHENYLANILINE YLIC ACID	1083				C12. H11. N1
169	539037	N-(4-CHLOROPHENYL)ACETAMIDE				148	C8 . H8 . N1 . 01 .CL1
170	2027170	2-ISOPROPYLNAPHTHALENE		546			C13. H14
170	829265	2,3,6-TRIMETHYLNAPHTHALENE	1096	255	236		C13. H14
170	2245387	1,6,7-TRIMETHYLNAPHTHALENE	1097	520			C13. H14
170	3031081	1,3,6-TRIMETHYLNAPHTHALENE		256			C13. H14
170	317	TRIMETHYLNAPHTHALENE		785	131		C13. H14
170	318	C3 NAPHTHALENE		786			C13. H14
170	311	TRIMETHYLNAPHTHALENE		540	186	66	C13. H14
170	312	TRIMETHYLNAPHTHALENE		541			C13. H14
170	313	TRIMETHYLNAPHTHALENE		542			C13. H14
170	314	TRIMETHYLNAPHTHALENE		191			C13. H14
170	315	C3 NAPHTHALENE		767			C13. H14
170	316	TRIMETHYLNAPHTHALENE		768	201		C13. H14
170	325	N-PROPYLNAPHTHALENE		983			C13. H14

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
170	28652779	TRIMETHYLNAPHTHALENE (ISOMER UNKNOWN)		634			C13. H14
170	3876979	1,2,6-TRIMETHYLNAPHTHALENE (3,4,5-TRIME.NAP.)		984			C13. H14
170	319	TRIMETHYLNAPHTHALENE		411			C13. H14
170	17057919	1,3,6-TRIMETHYLNAPHTHALENE		399			C13. H14
170	90437	X2-HYDROXYBIPHENYL		413			C12. H10. O1
170	2131422	1,4,6-TRIMETHYL NAPHTHALENE	1098	1100			C13. H14
170	2131411	1,4,5-TRIMETHYL NAPHTHALENE					C13. H14
170	55402845	5,5-DIETHOXY-3-PENTYN-2-ONE	896				C9 . H14. O3
170	24588612	METHYL 3,6-DIHYDRO-4,5-DIMETHYL-2H-PYRAN-2-CARBOXYLATE	1146				C9 . H14. O3
170	101848	XPHENYL ETHER	1085	881	197	43	C12. H10. O1
170	16624869	2-CYCLOOCTYL-2-PROPANOL	488				C11. H22. O1
170	16782302	CYCLOOCTANEPROPANOL	499				C11. H22. O1
170	876277	4-CHLOROPHENYL ACETATE	638				C8 . H7 . O2 .CL1
170	14919541	CIS-3,4,4-TRIMETHYL-5-OXO-2-HEXENOIC ACID	532				C9 . H14. O3
170	108681	DICHLOROISOPROPYL ETHER	518				C6 . H12. O1 .CL2
170	1615061	1,3-DIHYDRO-2,2-DIOXIDE-2,1,3,BENZOTHIADIAZOLE	732				C6 . H6 . N2 . O2
170	927491	6-UNDECANONE	741				C11. H22. O1
170	5989333	5-ETHENYL TETRAHYDRO-.ALPHA...ALPHA.,5-TRIMETHYL-	1049	924			C10. H18. O2
170	106387	P-BROMOTOLUENE 2FURANMETHANOL	945				C7 . H7 .BR1
170	3185997	P-METHYLSULFONYL TOLUENE	145				C8 . H10. O2 . S1
170	2806	3,7-DIMETHYL-6-OCTENOIC ACID		144			C14. H18. O2
170	14049117	TRIMETHYL-6-VINYLTETRAHYDROPYRAN-3-OL		926			C10. H18. O2
170	29253369	ISOPROPYLNAPHTHALENE			198		C13. H14
170	7.6149	5-HEXYLDIHYDROFURANONE			20	99	C10. H18. O2
170	5066	4-HYDROXY-3,3,5,5-TETRAMETHYLCYCLOHEXANONE		1074			C10. H18. O2
170	54382586	3A,7A-DIMETHYL OCTAHYDRO-4-ISOBENZOFURANOL		133	38		C10. H18. O2
171	78553	XP-TOLUENESULFONAMIDE		863			C7 . H9 . N1 . O2 . S1
171	10264172	N-HEXYLBUTANAMIDE	53		31	20	C10. H21. N1 . O1
171	827167	1,3,5-TRIMETHYLCYANURIC ACID		478			C6 . H9 . N3 . O3
171	89543	2-AMINO-5-CHLOROBENZOIC ACID		1067			C7 . H6 . N1 . O2 .CL1
171	1364	TRIMETHYLQUINONE		1066			C12. H13. N1
171	2437721	2,3,4-TRIMETHYLQUINOLINE	82	72	110	156	C12. H13. N1
172	334485	XCAPRIC ACID	374				C10. H20. O2
172	1731846	METHYL PELARGONATE	546	408			C10. H20. O2
172	31080372	2-METHYL-2-PROPYLHEXANOIC ACID	568	644		176	C10. H20. O2
172	4812297	3,6-DIMETHYLOCTANOIC ACID (AN ISODECANOIC ACID)		1033	10		C10. H20. O2
172	2639636	HEXYL BUTYRATE	392		26		C10. H20. O2
172	23708567	6-UNDECANOL	464				C11. H24. O1
172	112425	1-UNDECANOL	565	484			C11. H24. O1
172	80535	TERPIN	470	127			C10. H20. O2
172	93094	X2-NAPHTHOIC ACID	880	241			C11. H8 . O2
172	86555	1-NAPHTHOIC ACID	1137				C11. H8 . O2
172	5336243	DMU (DIMETHYL UREA)	1073				C9 . H20. N2 . O1
172	31080394	2-PROPYLHEPTANOIC ACID					C10. H20. O2
172	4506369	1,2-DIHYDRO-1,5,8-TRIMETHYLNAPHTHALENE					C13. H16

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
172	33669760	1-METHYL-4-ISOPROPYL-1,2-CYCLOHEXANEDIOL	828				C10. H20. O2
172	1653301	2-HENDECANOL	463				C11. H24. O1
172	30316199	1,4-DIHYDRO-2,5,8-TRIMETHYLNAPHTHALENE					C13. H16
172	29304483	2-METHYL-3-OXOHEXANOIC ACID, ETHYL ESTER	813				C9 . H16. O3
172	54460990	4-ETHYL-2,6-DIMETHYL-4-HEPTANOL					C11. H24
172	93185	2-ETHOXYNAPHTHALENE	440				C12. H12. O1
172	6064524	4-OXO-NONANOIC ACID	688	461	83		C9 . H16. O3
172	2451016	~~XTERPIN~~ SEE CAS NO. 80535, PREVIOUS PAGE	~~565~~	~~488~~			~~C10. H20. O3~~
172	2177868	METHYL ISONONANOATE	672				C10. H20. O2
172	106321	XETHYL CAPRYLATE	673				C10. H20. O2
172	1731848	NONANOIC ACID,METHYL ESTER					C10. H20. O2
172	89634	P-CHLORO-2-NITROANILINE	954	609	139		C6 . H5 . N1 . N2 .CL1
172	119619	BENZOPHENONE					C13. H10. O1
172	2216811	HEPTYLPROPIONATE		1078			C10. H20. O2
172	2553960	4,6-DIMETHYL OCTANOIC ACID	300	920			C10. H20. O2
172	95567	O-BROMOPHENOL			70		C6 . H5 . O1 .BR1
172	28933597	ISOCAPRIC ACID					C10. H20. O2
172	26896208	ANTEISOCAPRIC ACID					C10. H20. O2
173	16067019	1-NITRO-2-OCTANONE	894				C8 . H15. N1 . O3
174	505486	SUBERIC ACID	87	91	72		C8 . H14. O4
174	55956257	DIPROPYLENE GLYCOL, 2-PROPENYL ETHER		116		144	C9 . H18. O3
174	22824324	1,4,6-TRIMETHYL TETRALIN		415			C13. H18
174	21693516	1,5,8-TRIMETHYL TETRALIN		398			C13. H18
174	29006062	METHYL 4-BUTOXYBUTYRATE		835			C9 . H18. O3
174	1010	BUTYL METHOXYBUTYRATE		140			C9 . H18. O3
174	1074119	(1,2-DICHLOROETHYL)BENZENE	647	829			C8 . H8 .CL2
174	2257354	2,3,3-TRICHLORO-2-PROPENOIC ACID	159	736	161		C3 . H1 . O2 .CL3
174	829992	1-HEPTENYLBENZENE	726				C13. H18
174	26447632	2-HEPTENYLBENZENE	168				C13. H18
174	4541133	4-(HEXYLOXY)-1-BUTANOL	31				C16. H22. O2
174	26447654	4-HEPTENYLBENZENE					C13. H18
174	123251	XDIETHYL SUCCINATE	367				C8 . H14. O4
174	13192046	2-KETOPENTANEDIOIC ACID, DIMETHYL ETHER	674				C7 . H10. O5
174	33796871	3-HYDROXYNONANOIC ACID	302	718	28	62	C9 . H18. O3
176	2132867	3-PHENYL-3-METHYLHEXANE		510			C13. H20
176	1943959	M-CYCLOHEXYLPHENOL		200			C12. H16. O1
176	486566	COTININE		571			C10. H12. N2 . O1
176	119426	O-CYCLOHEXYLPHENOL		638			C12. H16. O1
176	593715	CHLORODIODOMETHANE		853			C1 . H2 .CL1 . I1
176	29480420	1,6-DICHLORO-1,5-CYCLOOCTADIENE		1050			C8 . H10.CL2
176	13547063	1-CHLORO-4-(1-CHLOROETHENYL)CYCLOHEXENE					C8 . H10.CL2
176	5463503	4,7-DIMETHYL-1,3-ISOBENZOFURANDIONE	290				C10. H8 . O3
176	4468480	3-METHYL-3-PHENYLHEXANE					C13. H20
176	19961081	2,4,5-TRIETHYLTOLUENE					C13. H20
176	943271	P-TERT-BUTYLACETOPHENONE					C12. H16. O1

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
176	19730042	2-(1-METHYL-2-PIPERIDINYL)-PYRIDINE	973				C11. H16. N2
176	86522	1-(CHLOROMETHYL)NAPHTHALENE	1164				C11. H9 .CL1
176	1078199	3,4-DIHYDROXY-6-METHOXY-1-NAPHTHALENONE		456			C11. H12. O2
176	14171892	6-PHENYL-2-HEXANONE		945			C12. H16. O1
176	6630819	1-T-BUTYL-3-ETHYL-5-METHYL BENZENE					C13. H20
178	120127	X+ANTHRACENE		380	242		C14. H10
178	2270204	5-PHENYL PENTANOIC ACID		182			C11. H14. O2
178	16433435	4-PHENYL PENTANOIC ACID	1115	31		125	C11. H14. O2
178	54518115	ISOPROPYL PHENYL PROPAN-1-OL		196			C12. H16. O1
178	85018	X+PHENANTHRENE	702	77			C14. H10
178	136607	BUTYLBENZOATE	522	489	193		C11. H14. O2
178	5669170	3-PHENYL PENTANOIC ACID	847	37		178	C11. H14. O2
178	7315686	3-METHYL-4-PHENYLBUTYRIC ACID	569	565			C11. H14. O2
178	112585	N-TRIETHYLENE GLYCOL, MONOETHYL ETHER	125	806			C8 . H18. O4
178	520	DIISOPROPYL PHENOL		539			C12. H18. O1
178	58443826	2-(2-ISOPROPYLPHENYL)-1-PROPANOL		360			C12. H18. O1
178	2078548	2,6-DIISOPROPYLPHENOL	913	409			C12. H18. O1
178	112492	TRIETHYLENE GLYCOL, DIMETHYL ETHER	775	395			C8 . H18. O4
178	2243358	2-ACETYLOXYACETOPHENONE	449				C10. H10. O3
178	20589859	1,2,3,3-TETRACHLORO-1-PROPENE	472				C3 . H2 .CL4
178	2934056	2,4-DIISOPROPYLPHENOL	1132	1088			C12. H18. O1
178	24142776	CUMENE ISOPROPYL ETHER	617				C12. H18. O1
178	54549723	P-(1-HYDROXY-1-METHYLETHYL)ACETOPHENONE	513	492			C11. H14. O2
178	17269942	1-TERT-BUTYL-4-ETHOXYBENZENE	503				C12. H18. O1
178	18226296	6-BROMO-2-HEXANONE	32	454			C6 . H11. O1 .BR1
178	1663798	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER		731			C10. H10. O3
178	614277	.BETA.-OXO-BENZENEACETIC ACID, ETHYL ESTER	731				C10. H10. O3
178	13485660	4A,5,6,7,8,8A-HEXAHYDRO-4A,8A-DIMETHYL-2(1H)-NAPHTHA-	198				C12. H18. O1
178	1974056	3-BROMOHEPTANE LENONE(CIS)	866				C7 . H15.BR1
178	16824025	3-ETHOXY-1(3H)-ISOBENZOFURANONE		689			C10. H10. O3
178	667	2-(ETHYLPHENYL)PROPYL METHYL ETHER	414				C12. H18. O1
178	3333	4-PHENYL-4-OXO-BUTYRIC ACID		722			C10. H10. N3 . O3
178	4219550	O-PROPIONYL BENZOIC ACID		474			C10. H10. O3
179	28291692	N-ETHYL-2-BENZOTHIAZOLAMINE		902			C9 . H10. N2 . S1
178	1810486	BETA,BETA-DIMETHYLBENZENEPROPIONIC ACID		49			C11. H14. O2
178	824691	1,4-DICHLORO-2,5-DIHYDROXY BENZENE			137		C6 . H4 . O2 .CL2
178	5081	4-ETHYLTETRAMETHYLPHENOL			172		C12. H16. O1
178	15482549	2-ACETYL-P-TOLUIC ACID			23	124	C10. H10. O3
179	89521	N-ACETYLANTHRANILIC ACID					C9 . H9 . N1 . O3
179	34263644	3-ETHOXY-1,2-BENZISOTHIAZOLE					C9 . H9 . N1 . O1 . S1
179	15118602	P-AMINOBENZENE-T-BUTYRIC ACID		923			C16. H13. N1 . O2
180	2523377	9-METHYL-9H-FLUORENE					C14. H12
180	1430973	2-METHYL FLUORENE		787			C14. H12
180	120821	X**$1,2,4-TRICHLOROBENZENE	354	840			C6 . H3 .CL3
180	776352	9,10-DIHYDROPHENANTHRENE		258			C14. H12

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	ANT	T4	T5	
180	108703	X1,3,5-TRICHLOROBENZENE					C6 . H3 .CL3
180	87616	1,2,3-TRICHLOROBENZENE					C6 . H3 .CL3
180	15359996	BUTYLATED HYDROXY ANISOLE (BHA)	645				C11. H16. O2
180	54576419	BUTYL M-TOLYL SULFIDE		414			C11. H16. S1
180	4316238	4-METHYLPHTHALIC ACID		661			C9 . H8 . O4
180	18495302	1,1,2,3-TETRACHLOROPROPANE	469	888	230		C3 . H4 .CL4
180	103380	XSTILBENE (TRANS)	818	944	246		C14. H12
180	1730376	1-METHYLFLUORENE	411				C14. H12
180	588590	XSTILBENE (CIS OR TRANS)	771	1052	207	117	C14. H12
180	17092921	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	167				C11. H16. O2
180	17138282	ETHYL 4-HYDROXYPHENYLACETATE	248	688	101	116	C10. H12. O3
180	486259	X9H-FLUOREN-9-ONE	1133				C13. H8 . O1
180	1131620	3',4'-DIMETHOXYACETOPHENONE	669		238	182	C10. H12. O3
180	37102742	3-METHYLPHTHALIC ACID	1082				C9 . H8 . O4
180	62338243	1-(4,5-DIETHYL-2-METHYL-1-CYCLOPENTEN-1-YL)ETHANONE	481				C12. H20. O1
180	15356748	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	476				C11. H16. O2
180	530483	1,1-DIPHENYLETHENE	98	912			C14. H12
180	13116535	1,2,2,3-TETEACHLOROPROPANE					C3 . H4 .CL4
180	25013165	XP-METHOXY-T-BUTYL PHENOL	353				C11. H16. O2
181	615225	2-(METHYLTHIO)BENZOTHIAZOLE		286			C6 . H7 . N1 . S2
181	6967700	3-BUTYL-6-METHYL-2,4-PYRIDINEDIOL					C10. H15. N1 . O2
182	605398	2,2-DIMETHYL-1,1-BIPHENYL		287			C14. H14
182	78408	XTRIETHYL PHOSPHATE					C6 . H15. O4 . P1
182	600	DIMETHYL BIPHENYL	97	567	94	139	C14. H14
182	7383906	3,4'-DIMETHYL-1,1'-BIPHENYL		543			C14. H14
182	2437561	1-TRIDECENE	172	1006			C13. H26
182	14376820	1-BROMO-2-CHLOROCYCLOPENTANE		404			C5 . H8 .BR1 .CL1
182	41654277	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE		1022			C10. H14. O3
182	93072	VERATRIC ACID	436				C9 . H10. O4
182	91521	X2,4-DIMETHOXYBENZOIC ACID	205				C9 . H10. O4
182	612000	1,1-DIPHENYLETHANE					C14. H14
182	1812517	2-ETHYL-1,1-BIPHENYL	305				C14. H14
182	92831	XANTHENE	3	1051			C13. H10. O1
182	54346064	3A,4,5,7A-TETRAHYDRO-4-HYDROXY-3A,7A-DIMETHYL-1(3H)-ISO-	904				C10. H14. O3
182	4645152	CYCLOHEXYL ETHER BENZOFURANONE	915				C12. H22. O1
182	103297	SYM-DIPHENYLETHANE (BIBENZYL)	835				C14. H14
182	13619164	2-BUTYL-2-OCTENAL	629				C12. H22. O1
182	7507893	1(2,6-DIHYDROXY-4-METHOXYPHENYL)ETHANONE	1033				C9 . H10. O4
182	830137	CYCLODODECANOL	744				C12. H22. O1
182	121142	X1-METHYL-2,4-DINITROBENZENE	659				C7 . H6 . N2 . O4
182	51953167	1-ETHOXY DECALIN	670		66	150	C12. H22. O1
182	3021736	CIS-OCTAHYDRONAPHTHALENE CARBOXYLIC ACID		460			C11. H14. O2
182	4826624	2-DODECENAL		128			C12. H22. O1
182	613332	4,4-DIMETHYLBIPHENYL			82		C14. H14
182	612759	3,3-DIMETHYLBIPHENYL			203		C14. H14
					202		

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
182	606202	2,6-DINITROTOLUENE				65	C7 . H6 . N2 . O4
183	81072	XSACCHARIN					C7 . H5 . N1 . O3 . S1
183	56771507	PHENYL P-PYRIDYL KETONE	859	45			C12. H9 . N1 . O1
184	1134629	2-BUTYLNAPHTHALENE					C14. H16
184	1634099	1-BUTYLNAPHTHALENE		342			C14. H16
184	2876359	2-T-BUTYL NAPHTHALENE		778			C14. H16
184	112389	10-UNDECENOIC ACID	1104	989			C11. H20. O2
184	490653	1-METHYL-7-ISOPROPYL NAPHTHALENE		504	22		C14. H16
184	49622186	3,3,4-TRIMETHYLDECANE	407	752			C13. H28
184	17065915	1-TERT-BUTYLNAPHTHALENE		805			C14. H16
184	16727916	1-ISOBUTYLNAPHTHALENE		789			C14. H16
184	629505	TRIDECANE		814			C13. H28
184	54774899	2-METHYL-1-PROPYLNAPHTHALENE					C10. H16. O3
184	54774946	BICYCLO[2.2.2]OCTANE-1,4-DIOL, MONOACETATE		990			C12. H24. O1
184	4354589	CYCLOHEXANEHEXANOL					C11. H20. O2
184	2499594	OCTYL ACRYLATE	319				C12. H24. O1
184	58639026	2-METHYL-5-UNDECANONE	542				C12. H24. O1
184	765059	DECYL VINYL ETHER					C9 . H9 . O2 .CL1
184	34040647	4-CHLOROPHENYL ACETIC ACID, METHYL ESTER	747				C8 . H9 .BR1
184	1973224	1-BROMO-2-ETHYLBENZENE	952				C8 . H9 .BR1
184	1585075	1-BROMO-4-ETHYLBENZENE	643				C11. H17.CL1
184	104814	1-(BROMOMETHYL)-4-METHYLBENZENE	350				C11. H22. O2
184	27011467	1-CHLOROTRICYCLO[4.3.1.13.8]UNDECANE	1159				C12. H24. O1
184	35194399	ETHYLNONENOATE	653				C12. H8 . S1
184	19780188	5-DODECANONE	375				C11. H20. O2
184	132650	DIBENZOTHIOPHENE		899			C12. H12. N2
184	104676	5-HEPTYL DIHYDRO-2-FURANONE		1045			C8 . H11. N1 . O2 . S1
184	530507	1,1-DIPHENYLHYDRAZINE			144		C12. H20. O1
185	640619	XN,4-DIMETHYLBENZENESULFONAMIDE					C11. H22. O2
186	19377970	2,2,5,7-TETRAMETHYL-4,5-OCTADIENE-3-ONE	993	887			C12. H12. N2
186	112378	XN-UNDECYLIC ACID		259			C8 . H11. N1 . O2 . S1
186	33583027	2,5,8-TRIMETHYL-1-NAPHTHOL	1018	263	55		C12. H20. O1
186	112583	DI-N-HEXYL ETHER		654			C11. H22. O2
186	112538	XLAURYL ALCOHOL		441			C13. H14. O1
186	1422260	9-KETOCAPRIC ACID	260	707	214		C12. H26. O1
186	112265	XETHYLENE GLYCOL, BIS(2-CHLOROETHYL) ETHER	422	320	17		C12. H26. O1
186	6836360	6-DODECANOL	658				C10. H18. O3
186	10203288	2-DODECANOL	905				C6 . H12. O2 .CL2
186	110429	METHYL CAPRATE	686				C12. H26. O1
186	1534276	3-DODECANONE	376				C12. H26. O1
186	19943716	4,6-DIMETHYLNONANOIC ACID		1063			C11. H22. O2
186	3913028	2-BUTYLOCTANOL		889			C12. H24. O1
186	10203335	5-DODECANOL		605			C11. H22. O2
186	1119637	9-METHYLDECANOIC ACID			135		C12. H26. O1
186	5601685	ANTEISOUNDECANOIC ACID					C12. H26. O1
					120		C11. H22. O2
							C11. H22. O2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
188	33931689	4-ETHOXYBUTYL BUTANOATE		96			C10. H20. O3
188	20442062	2-BUTOXYETHYL BUTANOATE		98			C10. H20. O3
188	123999	%AZELAIC ACID	84	174	16	159	C9 . H16. O4
188	25961846	DIETHYLENEGLYCOL, CYCLOHEXYL ETHER		677			C10. H20. O3
188	23342258	2,2,5,7-TETRAMETHYL TETRALIN	213				C14. H20
188	2432793	THIOHEXANOIC ACID, S-BUTYL ESTER	490				C10. H20. O1 . S1
188	29518727	1-OCTENYLBENZENE					C14. H20
188	1603618	(2-CYCLOHEXYLETHYL)BENZENE					C14. H20
188	42044268	6-TERT-BUTYL TETRALIN					C14. H20
188	42044224	2-TERT-BUTYL TETRALIN					C14. H20
188	54789296	1-(DICHLOROMETHYL)-4-ETHYLBENZENE	807				C9 . H10.CL2
188	483556	PHTHIOCOL	750				C11. H8 . O3
188	5689123	1,1,3,3-TETRAMETHYL-2-INDANONE	146				C13. H16. O1
188	5393817	2-HYDROXY DECANOIC ACID		288			C10. H20. O3
188	14292263	3-HYDROXYCAPRIC ACID	848	126	91		C10. H20. O3
189	495692	N-BENZOYLGLYCINE (HIPPURIC ACID)		392			C9 . H9 . N1 . O3
190	33962139	1,4-DIETHYL-2,3,5,6-TETRAMETHYL BENZENE		777			C14. H22
190	3895178	2-ETHOXYETHYL-2-BUTOXYETHYL ETHER		557			C10. H22. O3
190	2189608	OCTYL BENZENE	1063	968			C14. H22
190	50840	2,4-DICHLOROBENZOIC ACID	793	142			C7 . H4 . O2 .CL2
190	51445	3,4-DICHLOROBENZOIC ACID	515	54	12		C7 . H4 . O2 .CL2
190	35075242	1-(3-BUTOXYPROPOXY)-2-PROPANOL (A DIPROPYLENE GLYCOL,*		656			C10. H22. O3
190	29911282	1-(2-BUTOXY-1-METHYLETHOXY)-2-PROPANOL (DIPROPYLENE **		435			C10. H22. O3
190	14128611	5-METHYL-5-PHENYL-2-HEXANONE	738	1028			C13. H18. O1
190	54789150	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	1005				C14. H22
190	33637206	TETRAETHYLBENZENE	405				C14. H22
190	1079965	M-DI-SEC-BUTYLBENZENE	860				C14. H22
190	52805842	1-[5-(2-FURANYLMETHYL)-2-FURANYL]ETHANONE					C11. H10. O3
190	18335154	3-PHENYLOCTANE					C14. H22
190	1014411	P-DI-SEC-BUTYLBENZENE	861				C14. H22
190	777220	2-PHENYLOCTANE					C14. H22
190	597637	TETRAETHYLGERMANE					C8 . H20
190	50793	2,6-DICHLOROBENZOIC ACID	525	473			C7 . H4 . O2 .CL2
190	17759885	2-BROMO-1,2-DICHLOROPROPANE	689	932			C3 . H5 .BR1 .CL2
190	33037079	1-BROMO-2,3-DICHLOROPROPANE	690				C5 . H5 .BR1 .CL2
190	36668458	3-BROMO-1,1-DICHLOROPROPANE	529				C3 . H5 .BR1 .CL2
190	5186685	4,6-DIISOPROPYL-M-XYLENE					C14. H22
191	3209221	1,2-DICHLORO-3-NITROBENZENE	946				C6 . H3 . N1 . O2 .CL2
191	611063	2,4-DICHLORO-1-NITROBENZENE	355		247		C6 . H3 . N1 . O2 .CL2
191	42498339	N-TERT-BUTYL-3-METHYLBENZAMIDE	288				C12. H17. N1 . O1
192	613127	%2-METHYL ANTHRACENE		788			C15. H12
192	779022	%9-METHYL ANTHRACENE		970	251		C15. H12
192	610480	1-METHYL ANTHRACENE		352			C15. H12
192	1638160	TRIPROPYLENE GLYCOL	692	114			C9 . H20. O4
192	59094712	4-METHYLPHENYLPENTANOIC ACID		612			C12. H16. O2

*BUTYL ETHER) **GLYCOL,BUT.ET.)

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
192	832644	4-METHYLPHENANTHRENE	1056	892			C15. H12
192	1011	BETA,3,4-TRIMETHYLBENZENEPROPANOIC ACID		426			C12. H16. O2
192	5485213	4-TERT-BUTYL-O-PHENYLENE CYCLIC CARBONATE		423			C11. H12. O3
192	832713	%3-METHYLPHENANTHRENE	408	894			C15. H12
192	2049969	PENTYL BENZOATE	466	708			C12. H16. O2
192	1453061	(2,5-DIMETHYLBENZENE)BUTANOIC ACID		246	14		C13. H18. O2
192	127	4(2,5-XYLYL)BUTYRIC ACID		723			C12. H16. O2
192	24306238	GAMMA METHYLBENZENEBUTANOIC ACID, METHYL ESTER		994			C12. H16. O2
193	1205489	N-BENZOYLGLYCINE, METHYL ESTER	616				C10. H11. N1 . O3
193	2021207	3A,4,7,7A-TETRAHYDRO-2-PROPYL-1H-ISOINDOLE	919				C11. H15. N1 . O2
194	713462	2-(4-TERT-BUTYL PHENOXY)ETHANOL		193			C12. H18. O2
194	120616	$DIMETHYL TEREPHTHALATE		368			C10. H10. O4
194	58082	%CAFFEINE	474	313			C8 . H10. N4 . O2
194	131113	%$DIMETHYL PHTHALATE	345	197		169	C10. H10. O4
194	833818	ALPHA-METHYLSTILBENE	458				C15. H14
194	14064483	3-METHYLSTILBENE	1065				C15. H14
194	54824112	3A,4,7,7A-TETRAHYDRO-4,4,7-TRIMETHYL-1,3-ISOBENZOFURANDIONE					C11. H14. O3
194	94995	2,4-DICHLORO-1-(CHLOROMETHYL)BENZENE	942				C7 . H5 .CL3
194	102476	1,2-DICHLORO-4-(CHLOROMETHYL)BENZENE	943				C7 . H5 .CL3
194	3405680	1,2,3,4-TETRACHLOROBUTANE		893			C4 . H6 .CL4
194	4612639	DIMETHYLFLUORENE		891			C15. H14
194	626857	DIBUTYL SULFITE				154	C8 . H18. O3 . S1
195	634935	2,4,6-TRICHLOROANILINE	791	741			C6 . H4 . N1 .CL3
195	636306	2,4,5-TRICHLOROANILINE	351	882			C6 . H4 . N1 .CL3
196	947911	ACETYL BIPHENYL	983	95			C14. H12. O1
196	4821049	TERPENYL ACETATE		794			C12. H20. O2
196	88062	%**$2,4,6-TRICHLOROPHENOL	36	163	49		C6 . H3 . O1 .CL3
196	2198756	*2,4-DICHLORONAPHTHALENE	649	1082			C10. H16.CL2
196	13540562	DIMETHYLDIPHENYLMETHANE		1010			C15. H16
196	425504541	ETHYLBENZYL BENZENE (ISOMER UNKNOWN)		1007			C15. H16
196	1120361	1-TETRADECENE		405			C14. H28
196	95954	%2,4,5-TRICHLOROPHENOL		621			C6 . H3 . O1 .CL3
196	764938	INVALID CAS NUMBER, SUBSTITUTE NUMBER 76493					C12. H20. O2
196	76493	%BORNYL ACETATE		639			C12. H20. O2
196	36617024	(2-BROMOCYCLOPROPYL)BENZENE		858			C9 . H9 .BR1
196	4957146	DI-P-TOLYLMETHANE		1009			C15. H16
196	4707500	6-PROPYL-BETA-RESORCYLIC ACID	123				C10. H12. O4
196	19420612	4-ISOPROPYL-O-PYROCATECHUIC ACID	124				C10. H12. O4
196	1016	C3-DIHYDROXYBENZOIC ACID	330				C10. H12. O4
196	1133835	LOLIOLIDE	932				C11. H16. O3
196	17619975	%STILBENE OXIDE	173			192	C14. H12. O1
196	5814857	1-METHYL-1,2-DIPHENYLETHANE	719				C15. H16
196	3976350	2,4,6-TRIMETHYLBIPHENYL					C15. H16
196	1015	ETHYL METHYL BIPHENYL					C15. H16
196	7180576	2-ISOVALERYL-4-METHYL-1,3-CYCLOPENTANEDIONE					C11. H16. O3

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (Continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
196	496	P-PHENYLACETOPHENONE		78			C14. H12. O1
196	51422754	CIS-1-BROMO-2-CHLOROCYCLOHEXANE			77	75	C6 . H10.BR1 .CL1
197	15444994	N-METHYL SACCHARIN		807			C8 . H7 . N1 . O3 . S1
198	483783	1,6 DIMETHYL-4-ISOPROPYL-NAPHTHALENE	796	566			C15. H18
198	629594	XTETRADECANE		987			C14. H30
198	2382403	9-DODECENOIC ACID		647			C12. H22. O2
198	17663273	4,4,5,5-TETRAMETHYL-2,7-OCTANEDIONE	890				C12. H22. O2
198	13757989	6,7-DODECANEDIONE	237				C12. H22. O2
198	16409453	MENTHYL ACETATE	900				C12. H22. O2
198	54852754	(2-(PENTYLOXY)ETHYL)CYCLOHEXANE	924				C13. H26. O1
198	637978	2-IODOPENTANE					C5 . H11. I1
198	628171	1-IODOPENTANE					C5 . H11. I1
198	462168	7-TRIDECANONE	259				C13. H26. O1
198	93992	PHENYL BENZOATE					C13. H10. O2
198	7372885	4-METHYLDIBENZOTHIOPHENE		1046			C13. H10. S1
198	5079	4,5-DIMETHYLCYCLOOCTANE CARBOXYLIC ACID		122			C11. H20. O2
198	6885	2-CHLORO-P-TERT-BUTYLPHENOL					C11. H15. O1 .CL1
198	834140	ETHYLPHENOXYBENZENE		610			C14. H14. O1
198	7298184	ALPHA,4-DIHYDROXY-3-METHOXYPHENYLACETIC ACID					C9 . H10. O5
198	50113	1-METHYLBARBITAL					C9 . H14. N2 . O3
199	599699	N,N,4-TRIMETHYLBENZENESULFONAMIDE	261				C9 . H13. N1 . O2 .S1
199	1120167	DODECANAMIDE	989				C12. H25. N1 . O1
200	143077	XLAURIC ACID	86	84	35		C12. H24. O2
200	777957	CYCLIC TETRAMETHYLENE ADIPATE	399	217	104	100	C10. H16. O4
200	19894758	*METHYL CHLORO PHENOXYACETIC ACID (MCPA)					C9 . H9 . O3 .CL1
200	57269266	2-METHYL-1-DODECANOL	1139				C13. H28. O1
200	2575077	METHYL 9-OXODECANOATE	498				C11. H20. O3
200	50882638	1-BUTYL-2-NAPHTHALENOL					C14. H16. O1
200	50882616	2-BUTYL-1-NAPHTHALENOL					C14. H16. O1
200	110383	XETHYL CAPRATE					C12. H24. O2
200	1731868	UNDECANOIC ACID,METHYL ESTER	665				C12. H24. O2
200	586765	P-BROMOBENZOIC ACID		719			C7 . H5 . O2 .BR1
200	676806	10-OXO-UNDECANOIC ACID		3		36	C11. H20. O3
200	6272384	2,4-DIHYDROXYDIPHENYL METHANE					C13. H12. O2
202	206440	X*:$FLUORANTHENE	933	322			C16. H10
202	129000	X+PYRENE	1198	164			C16. H10
202	3971333	2-ETHYLSUBERIC ACID		105			C10. H16. O4
202	111206	SEBACIC ACID	429	403			C10. H16. O4
202	483772	1,6-DIMETHYL-4-ISOPROPYL TETRALIN					C15. H22
202	16982086	P-(1,2,2-TRIMETHYLCYCLOPENTYL)TOLUENE					C15. H22
202	5921892	1,1-DIBUTOXY-BUTANE	808				C12. H26. O2
202	14629528	TRIETHYL(PENTYLOXY)SILANE					C11. H26. O1
202	17219215	2,2-DIMETHYLHEXANEDIOIC ACID, DIMETHYL ESTER	1036				C10. H18. O4
202	1732098	DIMETHYL SUBERATE	660				C10. H18. O4
204	1081772	1-PHENYL NONANE		535			C15. H24

† SEE FOOTNOTE ON LAST PAGE

(Continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DN	AWT	T4	T5	MOLECULAR FORMULA
204	6753986	ALPHA-CARYOPHYLLENE		376			C15. H24
204	13877935	BETA-CARYOPHYLLENE		221			C15. H24
204	469921	CLOVENE		228			C15. H24
204	17334553	BETA-GURJUNENE		225			C15. H24
204	61031729	ALPHA,ALPHA-DICHLOROPHENYLACETIC ACID		434			C8 . H6 . O2 .CL2
204	612942	2-PHENYLNAPHTHALENE	757				C16. H12
204	605027	1-PHENYLNAPHTHALENE	756				C16. H12
204	21460888	2,5-DICHLORO-4-METHYLBENZOIC ACID	879				C8 . H6 . O2 .CL2
204	18794948	7,11-DIMETHYL-3-METHYLENE-1,6,10-DODECATRIENE					C15. H24
205	133904	%AMIBEN	599				C7 . H5 . N1 . O2 .CL2
205	56961252	4-AMINO-3,5-DICHLOROBENZOIC ACID	597				C7 . H5 . N1 . O2 .CL2
206	3674757	9-ETHYL PHENANTHRENE		962			C16. H14
206	38275764	3-METHYL-4-(2,5-XYLYL) BUTANOIC ACID		748			C13. H18. O2
206	949133	2-OCTYLPHENOL		353			C14. H22. O1
206	20324338	TRIPROPYLENE GLYCOL, METHYL ETHER	581	66			C10. H22. O4
206	128392	2,6-DI-TERT-BUTYLPHENOL					C14. H22. O1
206	143226	TRIETHYLENE GLYCOL N-BUTYL ETHER		23			C10. H22. O4
206	140669	P-(1,3,3-TETRAMETHYLBUTYL)PHENOL		374		164	C14. H22. O1
206	406	TRIPROPYLENE GLYCOL, METHYL ETHER		67			C10. H22. O4
206	405	TRIPROPYLENE GLYCOL, METHYL ETHER		68			C10. H22. O4
206	404	TRIPROPYLENE GLYCOL, METHYL ETHER	243	64			C10. H22. O4
206	410	TRIPROPYLENE GLYCOL, METHYL ETHER					C10. H22. O4
206	411	TRIPROPYLENE GLYCOL, METHYL ETHER					C10. H22. O4
206	412	TRIPROPYLENE GLYCOL, METHYL ETHER					C10. H22. O4
206	413	TRIPROPYLENE GLYCOL, METHYL ETHER					C10. H22. O4
206	408	TRIPROPYLENE GLYCOL, METHYL ETHER	101	18	96	140	C10. H22. O4
206	401	TRIPROPYLENE GLYCOL, METHYL ETHER	203	21	97	141	C10. H22. O4
206	402	TRIPROPYLENE GLYCOL, METHYL ETHER	204	19	98	142	C10. H22. O4
206	403	TRIPROPYLENE GLYCOL, METHYL ETHER	102	20	99	143	C10. H22. O4
206	500	OCTYL PHENOL		601			C10. H22. O4
206	25498491	TRIPROPYLENE GLYCOL, METHYL ETHER (ISOMER UNKNOWN)		118			C14. H22. O1
206	10213771	TRIPROPYLENE GLYCOL, METHYL ETHER		285			C10. H22. O4
206	13133294	TRI-N-PROPYLENE GLYCOL, METHYL ETHER	1078	216			C10. H22. O4
206	54932784	P-(2,2,3,3-TETRAMETHYLBUTYL)PHENOL		234			C10. H22. O4
206	29681207	TRIETHYLENE GLYCOL, TERT-BUTYL ETHER		58			C14. H22. O1
206	7469401	1,2-DIHYDRO-4-PHENYLNAPHTHALENE					C10. H22. O4
206	6789884	HEXYL BENZOATE	704				C16. H14
206	124481	%DIBROMOCHLOROMETHANE	465				C13. H18. O2
206	96764	2,4-DI-TERT-BUTYLPHENOL	138		61	18	C1 . H1 .BR2 .CL1
206	55162839	5-(BENZOYLOXY)-PENTANAL	926				C14. H22. O1
206	55683108	TETRAMETHYLBENZENE PROPANOIC ACID					C12. H14. O3
206	30316144	2-METHYL-4-(2,5-XYLYL)BUTANOIC ACID	739				C13. H18. O2
207	7244679	N-BENZOYL-L-ALANINE, METHYL ESTER	396				C13. H18. O2
208	1798045	P-T-BUTYLPHENOXY ACETIC ACID	867	941			C11. H13. N1 . O3
208	34006774	$METHYL ETHYL PHTHALATE		89			C12. H16. O3
				97			C11. H12. O4

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
208	10487920	ALPHA-METHYL-ALPHA-ACETYLOXYBENZENEACETIC ACID		653			C11. H12. O4
208	3018200	1-PHENYL TETRALIN	409				C16. H16
208	29422137	2-PHENYL TETRALIN	412				C16. H16
208	15404634	DECAHYDRO-1,4A-DIMETHYL-7-(1-METHYLETHYL)NAPHTHALENE	621				C15. H28
208	52588780	6,6-DIMETHYL-3,4-UNDECADIENE-2,10-DIONE					C13. H20. O2
208	41284882	6-PHENYL TETRALIN	541				C16. H16
208	54832836	OCTAHYDRO-2,2,4,4,7,7-HEXAMETHYL-1H-INDENE	40				C15. H28
208	84651	X9,10-ANTHRACENEDIONE		242			C14. H8 . O2
208	2316269	3-(3,4-DIMETHOXYPHENYL)-2-PROPENOIC ACID		93			C11. H12. O4
209	6267023	9,10-DIHYDRO-9,9-DIMETHYL ACRIDINE		949			C15. H15. N1
210	4920950	TETRAMETHYL BIPHENYL		833			C16. H18
211	87401	1,3,5-TRICHLORO-2-METHOXYBENZENE		406			C7 . H5 . O1 .CL3
214	13360617	1-PENTADECENE	192	412			C15. H30
210	26137531	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (TRANS-ISOMER)		1015			C16. H18
210	1142150	PARA-METHOXYSTILBENE	626				C15. H14. O1
210	38171970	1-METHYL-4-(1-METHYL-2-BUTENYL)NAPHTHALENE	1066				C16. H18
210	134816	BENZIL					C14. H10. O2
210	18220901	ETHYL BENZOPHENONE	778				C15. H14. O1
210	626620	IODOCYCLOHEXANE	497				C6 . H11. I1
210	35194220	7,7-DIMETHYL-11-DODECEN-2-ONE	1045				C14. H26. O1
210	2852688	BIS(3-METHYLPHENYL)METHANONE	60				C15. H14. O1
210	61141660	3,4-DIETHYLBIPHENYL	1100				C16. H18
210	26130847	CIS-1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE					C16. H18
210	54965536	2-CHLORO-1-(2,4-DIMETHYLPHENYL)-2-METHYL-1-PROPANONE					C12. H15. O1 .CL1
210	2726218	1-1#-(1,2-DIMETHYL-1,2-ETHANEDIYL) BISBENZENE	948				C16. H18
210	55012696	2-CHLORO-1-(4-ETHYLPHENYL)-2-METHYL-1-PROPANONE			244		C12. H15. O1 .CL1
210	17180266	(DICHLOROMETHYL)NAPHTHALENE		774			C11. H8 .CL2
211	55030654	1,2,3,4-TETRAHYDRO-4,9-DIMETHYL ACRIDINE		257			C15. H17. N1
211	5650102	P-ISOPROPYLDIPHENYL AMINE					C15. H17. N1
212	629629	PENTADECANE		424			C15. H32
212	125406	BUTABARBITAL		427			C10. H16. N2 . O3
212	612351	2-(PHENYLMETHYL)BENZOIC ACID		266			C14. H12. O2
212	77281	1,3-DIMETHYL BUTABARBITAL	326				C10. H16. N2 . O3
212	1725048	OXACYCLOTETRADECAN-2-ONE					C13. H24. O2
212	6606344	4,4A,9,10-TETRAHYDRO-4A-METHYL-2(3H)-PHENANTHRENONE	519				C15. H16. O1
212	6262517	PENTACHLOROCYCLOPROPANE	728				C3 . H1 .CL5
212	2225403	3-METHYL-2,2-DIOXIDE-1H-2,1,3-BENZOTHIAPIAZIN-4(3H)-ONE	656				C8 . H8 . N2 . O3 . S1
212	10271575	1-CHLORO-2(PHENYLETHYNYL) BENZENE	1163				C14. H9 .CL1
212	4476108	2-BROMO-4-METHYL-1-ISOPROPYLBENZENE	247	131			C10. H13.BR1
213	3622842	N-BUTYLBENZENESULFONAMIDE					C10. H15. N1 . O2 . S1
214	93652	X2-(4-CHLORO-2-METHYLPHENOXY)PROPANOIC ACID				126	C10. H11. O3 .CL1
214	882097	CLOFIBRIC ACID	74	1	15	63	C10. H11. O3 .CL1
214	15104617	1,1,2,3,3-PENTACHLOROPROPANE	1069	1049			C3 . H3 .CL5
214	638539	TRIDECYLIC ACID	873	449	71		C13. H26. O2
214	131566	BENZORESORCINOL	81				C13. H10. O3

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
214	111820	METHYL LAURATE	342	906			C13. H26. O2
214	17413739	CLOFIBRIC ACID, M-CHLORO ISOMER	1019				C10. H11. O3 .CL1
214	95943	1,2,4,5-TETRACHLOROBENZENE	1161				C6 . H2 .CL4
214	26403145	ANTEISOTRIDECANOIC ACID			125		C13. H26. O2
214	25448242	ISO-TRIDECANOIC ACID			126		C13. H26. O2
214	7416571	10-METHYLDODECANOIC ACID					C13. H26. O2
214	5681981	11-METHYLDODECANOIC ACID					C13. H26. O2
214	5890	2-METHOXY-10-UNDECANOIC ACID					C12. H22. O3
214	214	2-METHOXY-10-UNDECENOIC ACID		911			C12. H22. O3
214	112721	MYRISTYL ALCOHOL		294			C14. H30. O1
215	1912249	%ATRAZINE	91				C8 . H14. N5 .CL1
216	2381217	1-METHYLPYRENE		349			C17. H12
216	1141384	2,6-NAPHTHALIC ACID		226			C12. H8 . O4
216	1852046	UNDECANEDIOIC ACID	526	450	175		C11. H20. O4
216	2884697	1,1,2,4,4,7-HEXAMETHYL TETRALIN					C16. H24
216	1732181	DIMETHYL AZELATE	358				C11. H20. O4
216	13523074	4-BROMO-2-METHOXY-5-METHYLPHENOL					C8 . H9 . O2 .BR1
218	613592	2-(PHENYLMETHYL) NAPHTHALENE		548			C17. H14
218	104723	1-PHENYL DECANE		190			C15. H26
218	112732	DIBUTYL DIETHYLENE GLYCOL; DIBUTYL *CARBITOL*					C12. H26. O3
218	6529539	1-(2-BROMOETHYL)-4-CHLOROBENZENE		855			C8 . H8 .BR1 .CL1
218	55591123	1,1-DIMETHYL INDAN-4-CARBOXYLIC ACID, ETHYL ESTER	448				C14. H18. O2
218	4955322	ALPHA-FARNESAL	914				C15. H22. O1
218	3373102	P-DI-TERT-PENTYLBENZENE					C16. H26
218	605016	PENTAETHYLBENZENE	333				C16. H26
219	218	TETRAETHYLENE GLYCOL MONOBUTYL ETHER		290			C12. H26. O3
219	90302	%*N-PHENYL-1-NAPHTHYLAMINE					C16. H13. N1
219	27356463	6-METHYL-2-PHENYLQUINOLINE		1030			C16. H13. N1
219	4789768	4-METHYL-2-PHENYLQUINOLINE		673			C16. H13. N1
219	6907591	1-(PHENYLMETHYL)ISOQUINOLINE		674			C17. H16
220	3674735	2,3,5-TRIMETHYL PHENANTHRENE		351			C14. H20. O2
220	719222	2,6-DI-T-BUTYL-P-BENZOQUINONE	792	169			C15. H24. O1
220	128370	BUTYLATED HYDROXY TOLUENE (BHT)	1084	34			C17. H16
220	23189642	1,2,4-TRIMETHYL PHENANTHRENE		966			C17. H16
220	63018940	2,9,10-TRIMETHYL ANTHRACENE		967			C11. H24. O4
220	28178341	TRIPROPYLENE GLYCOL, ETHYL ETHER ISOMER		199			C8 . H6 . O3 .CL2
220	94757	%*2,4-DICHLOROPHENOXYACETIC ACID, (2,4-D)	427	270	85	128	C15. H24. O1
220	25154523	NONYLPHENOL	1150	232		172	C15. H24. O1
220	11066492	ISONONYL PHENOL (ISOMER UNKNOWN)		588			C15. H24. O1
220	17404669	P-(1-METHYLOCTYL)PHENOL (A NONYL PHENOL)		589		165	C15. H24. O1
220	52427131	P-(1-ETHYL-1-METHYLHEXYL)PHENOL (A NONYL PHENOL)		386			C15. H24. O1
220	510	NONYL PHENOL ISOMER		826			C15. H24. O1
220	511	NONYL PHENOL ISOMER		991			C15. H24. O1
220	1918009	%DICAMBA	112	240	88		C8 . H6 . O3 .CL2
220	588227	%3,4-DICHLOROPHENOXYACETIC ACID	802				C8 . H6 . O3 .CL2

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
220	711	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	253				C8 . H6 . 03 .CL2
220	54644405	2,2-DIMETHYLPROPANOIC ACID, 2,4,6-TRIMETHYLPHENYL ESTER	740				C14. H20. 02
220	4620477	3-HYDROXY-2,4-PENTANEDIONE,BENZOATE	1035				C12. H12. 04
221	1111	FLUOROIODOBENZENE (ISOMER UNKNOWN)		1098			C6 . H4 . F1 . I1
222	143248	TETRAETHYLENE GLYCOL DIMETHYLETHER	856	218			C10. H22. 05
222	84662	X+$DIETHYL PHTHALATE	37	69			C12. H14. 04
222	131704	%MONOBUTYL PHTHALATE	11	27	119	160	C12. H14. 04
222	54889864	P-TERT-BUTYLPHENOXYMETHYL ACETATE		134			C13. H18. 03
222	84548	%2-METHYLANTHRAQUINONE	759				C15. H10. 02
222	55332020	OCTAHYDRO-4A,5-DIMETHYL-3-(1-METHYLETHYL)-1(2H)-NAPHTHA*	240				C15. H26. 01
222	55332031	OCTAHYDRO-4A,5-DIMETHYL-3-ISOPROPYL-2(1H)-NAPHTHALENONE	782				C15. H26. 01
222	3790714	FARNESOL	1158				C15. H26. 01
222	54965434	3,5-T-BUTYL-4-HYDROXY-2,4-CYCLOHEXADIEN-1-ONE			208		C14. H22. 02
224	1335484	DIHYDRO FARNESOL		560			C15. H28. 01
224	629732	CETENE		407			C16. H32
224	1795160	DECYLCYCLOHEXANE					C16. H32
224	20195088	DIETHYL PENTYL PHOSPHATE	258				C9 . H21. 04 . P1
224	5085	FUMAROYL CHLORIDE			162		C4 . H2 . 02 .CL4
226	57432	%AMOBARBITAL	273	108			C11. H18. N2 . 03
226	76744	%PENTABARBITAL	274	212			C11. H18. N2 . 03
226	203123	BENZOFLUORANTHENE		781			C18. H10
226	50464965	6,6-DIMETHYL-2,5,10-UNDECANETRIONE	863				C13. H22. 03
226	7284162	TRIETHYLENE GLYCOL, PHENYL ETHER	1135				C12. H18. 04
226	2363715	HENEICOSANIC ACID	388	699			C21. H42. 02
228	218019	X**CHRYSENE		775			C18. H12
228	28484222	2,4,6-TRIMETHYLUNDECANOIC ACID		503			C14. H28. 02
228	544638	%MYRISTIC ACID	18	73	37		C14. H28. 02
228	5574345	3,6-DIMETHYL-5-ISOPROPYL-1,2-NAPHTHOQUINONE		852			C15. H16. 02
228	106332	ETHYL LAURATE	211			157	C14. H28. 02
228	54812725	CYCLOHEXYLADIPATE					C12. H20. 04
228	7278651	3-7,11-TRIMETHYL-3-DODECANOL	707				C15. H32. 01
228	50397643	4-METHYLPHENYLSULFONYL ACETIC ACID, METHYLESTER	360				C10. H12. 04 . S1
228	55162419	CLOFIBRIC ACID,METHYL ESTER	675				C11. H13. 03 .CL1
228	1731880	METHYL ISOTRIDECANOATE	676				C14. H28. 02
228	543	ISOMYRISTIC ACID		319	53		C14. H28. 02
228	76937	ALPHA-HYDROXY-ALPHA-PHENYL PHENYL ACETIC ACID					C14. H12. 03
228	629765	1-PENTADECANOL					C15. H32. 01
229	634833	2,3,4,5-TETRACHLOROANILINE	937				C6 . H3 . N1 .CL4
230	26140603	TERPHENYL		350			C18. H14
230	58902	X$2,3,4,6-TETRACHLOROPHENOL		620			C6 . H2 . 01 .CL4
230	92068	M-TERPHENYL	238				C18. H14
230	20881043	1,2 3,5-BIS-O-(1-METHYLETHYLIDENE)-ALPHA-D-XYLOFURANOSE	150				C11. H18. 05
230	5414197	DI-(2-BROMOETHYL)ETHER	639				C4 . H8 . 01 .BR2
230	938227	2,3,4,6-TETRACHLOROPHENOL		716			C6 . H2 . 01 . CL4
230	693232	DODECANEDIOIC ACID					C12. H22. 04
		*LENONE					

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
231	6006015	4,8,12-TRIMETHYL-3,7,11-TRIDECATRIENITRILE			81		C16. H25. N1
232	50066	%PHENOBARBITAL		101			C12. H12. N2 . O3
232	4536863	2-PHENYL UNDECANE		766			C17. H28
232	6742547	1-PHENYL UNDECANE		538			C17. H28
232	1003	DIETHYLENE GLYCOL, 2-METHOXYBUTYL BUTYL DIETHER		6			C13. H28. O4
232	2425549	1-CHLOROTETRADECANE					C14. H29.CL1
232	3244169	7,7-DIMETHYL-2-OXOBICYCLO[2.2.1]HEPTANE-1-METHANE SUL-					C10. H16. O4 . S1
234	483658	%RETENE	41				C18. H18
234	4130421	FONIC ACID		547			C16. H26. O1
234	106376	2,6-BIS(1,1-DIMETHYLETHYL)-4-ETHYLPHENOL		159	212	170	C6 . H4 .BR2
234	108361	*P-DIBROMOBENZENE					C6 . H4 .BR2
234	583539	M-DIBROMOBENZENE					C18. H18
234	7343068	O-DIBROMOBENZENE		856			C18. H18
234	7396385	3,4,5,6-TETRAMETHYLPHENANTHRENE		857			C2 .CL6
234	67721	2,4,5,7-TETRAMETHYLPHENANTHRENE	642			73	C9 . H8 . O3 .CL2
234	54571488	PERCHLOROETHANE	671				C7 . H4 . O2 .BR1 .CL1
234	25638146	2,4-DICHLOROPHENOXY ACETIC ACID, METHYL ESTER		917			C12. H11.BR1
234	5334792	BROMOCHLOROBENZOIC ACID			206		C18. H20
236	3910358	1-BROMO-2,3-DIMETHYLNAPHTHALENE		579	248		C18. H20
236	33508020	1,1,3-TRIMETHYL-3-PHENYL INDAN		815			C18. H20
236	33603393	1,1,2-TRIMETHYL-3-PHENYL INDAN		817			C18. H28
236	33611164	1,2,3-TRIMETHYL-1-PHENYL INDAN (STERIOISOMER)		818			C13. H16. O4
236	34006763	1,2,3-TRIMETHYL-1-PHENYL INDAN (STEREOISOMER)		57			C13. H16. O4
236	804	$BUTYL METHYL PHTHALATE		613			C13. H16. O4
236	1806	$ISOBUTYL METHYL PHTHALATE		614			C13. H16. O4
236	1007	$SEC-BUTYL METHYL PHTHALATE		396			C18. H20
236	21113553	$TERT-BUTYL METHYL PHTHALATE					C13. H10.CL2
236	25249392	1,1-DIPHENYLCYCLOHEXANE		724			C10. H14. O2 .CL2
236	128	BIS(CHLOROPHENYL)METHANE		298		58	C16. H28. O1
236	1977958	2,5-DI(CHLOROMETHYL)-3-ETHYL BENZOIC ACID			209		C18. H20
236	23586643	1,5-BIS(T-BUTYL)-3,3-DIMETHYL BICYCLO[3.1.0]HEXAN-2-ONE	410				C18. H22
238	1023	1,1*-(3,3-DIMETHYL-1-BUTENYLIDENE)BISBENZENE	174				C18. H22
238	1027	1,1-BIS(O-ETHYLPHENYL)ETHANE		950			C18. H22
238	56667017	1,1-BIS(M-ETHYLPHENYL)ETHANE	987	627			C17. H34
238	6765395	HEXAMETHYL BIPHENYL	165				C18. H22
238	10224916	1-HEPTADECENE	460				C18. H22
238	57364791	1,1-BIS(4-ETHYLPHENYL)ETHANE		883			C18. H22
238	1021	4,4*-DIETHYLBIBENZYL	1123				C17. H18. O1
238	5396918	ASYMMETRICAL BIS(ETHYLPHENYL)ETHANE		1077			C6 . H8 .BR2
238	6895	1,5-DIPHENYL-3-PENTANONE		797			C6 . H4 . N1 .BR1 .CL2
239	739	DIBROMOCYCLOHEXENE					C16. H16. O2
240	4705344	BROMODICHLOROANILINE		857			C17. H36
240	629787	4,4*-DIMETHOXYSTILBENE					C8 . H5 . N2 . O2 .BR1
240	13183090	HEPTADECANE					C15. H28. O2
240	106025	4-BROMO-3-PHENYLSYDNONE					
		EXALTOLIDE					

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
242	17465597	1,1,4,5,5,8-HEXAMETHYL-S-HYDRINDALENE		957			C18. H26
242	1002842	PENTADECANOIC ACID	19	74	174		C15. H30. 02
242	17465586	1,1,4,7,7,8-HEXAMETHYL-S-HYDRINDACENE		780			C18. H26
242	124107	METHYL MYRISTATE	127	493			C15. H30. 02
242	20273272	4-PHENYLBICYCLOHEXYL	1106	884	237		C18. H26
242	28273272	4-PHENYLBICYCLOHEXYL					C18. H26
242	21484127	CIS-4-PHENYLBICYCLOHEXYL					C18. H26
242	36653824	%CETYL ALCOHOL	708	326	59		C16. H34. 01
242	5502943	ANTEISOPENTADECANOIC ACID	339	284	90		C15. H30. 02
242	5129668	METHYL ANTEISOPENTADECANOATE	953				C16. H32. 02
242	637070	%CLOFIBRATE	668	831			C12. H15. 03 .CL1
242	544	ISOPENTADECANOIC ACID		161	84		C15. H30. 02
242	629823	DIOCTYLETHER			178		C16. H34. 01
242	2485714	8-METHYLMYRISTIC ACID		1053			C15. H30. 02
243	3519877	METHYLBENZACRIDINE		1020			C18. H13. N1
244	42981760	2,6-DI-TERT-BUTYL TETRALIN	480				C18. H26
244	2507553	2-HYDROXYTETRADECANOIC ACID	432	476			C14. H28. 03
244	1961724	3-HYDROXYTETRADECANOIC ACID					C14. H28. 03
244	28969108	METHYL VINYL MERCURY		956			C3 . H6 . HG1
246	1460022	1,3,5-TRI-TERT-BUTYL BENZENE					C18. H30
246	604886	HEXAETHYLBENZENE		135			C18. H30
246	14808169	1,2,4-TRIBUTYLBENZENE		1016			C18. H30
246	1459116	1,2,4-TRITERTIARY BENZENE					C18. H30
246	2719611	(1-METHYLUNDECYL)BENZENE			241		C18. H30
246	25265785	(1-PHENYLHEPTYL)BENZENE					C18. H30
248	4584638	2,5-DI-T-AMYL QUINONE		62			C18. H30
248	1002	DIETHYLENE GLYCOL, 4-METHOXYBUTYL BUTYL DIETHER		5			C16. H24. 02
248	608935	PENTACHLOROBENZENE					C13. H28. 04
248	4361960	5-PHENYL-3(PHENYLMETHYLENE)-2(3H)-FURANONE	1103				C6 . H1 .CL5
248	1611923	3,5-DIBROMOTOLUENE					C17. H12. 02
249	54571499	2,4-D, ETHYL ESTER	646				C7 . H6 .BR2
249	2176627	PENTACHLOROPYRIDINE	955				C10. H10. 03 .CL2
250	131168	$DI-N-PROPYL PHTHALATE		810			C5 . N1 .CL5
250	75252	+XBROMOFORM	849	678			C14. H10. 04
250	546	DIBROMOPHENOL	34		62	37	C1 . H1 .BR3
278	611087	2,4-DIBROMOBENZOIC ACID		1102			C6 . H4 . 01 .BR2
250	1376	TETRAPROPYLENE GLYCOL		720			C7 . H4 . 02 .BR2
250	1377	TETRAPROPYLENE GLYCOL		901			C12. H26. 05
250	1378	TETRAPROPYLENE GLYCOL		709			C12. H26. 05
250	1379	TETRAPROPYLENE GLYCOL		710			C12. H26. 05
252	205992	X**$3,4-BENZOFLUORANTHENE (B)		711			C12. H26. 05
252	207089	X**$11,12-BENZFLUORANTHENE (K)					C20. H12
252	50328	X**$3,4-BENZPYRENE					C20. H12
252	112889	1-OCTADECENE					C20. H12
252	17644074	4-(1,5-DIMETHYL-3-OXOHEXYL)-1-CYCLOHEXENE-1-CARBOXYLIC ACID		628			C18. H36
				56	164		C15. H24. 03

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
254	93765	X*(2,4,5-TRICHLOROPHENOXY)ACETIC ACID	190	1034			C8 . H5 . 03 .CL3
254	593453	OCTADECANE		816			C18. H38
254	38963916	4-(1,5-DIMETHYL-3-OXOHEXYL)CYCLOHEXANECARBOXYLIC ACID	998	85	45	127	C15. H26. 03
254	2091294	PALMITOLEIC ACID	215	79	32		C16. H30. 02
254	373499	TRANS-9-HEXADECENOIC ACID	275	264			C16. H30. 02
254	575893	2,4,6-TRICHLOROPHENOXYACETIC ACID					C8 . H5 . 03 .CL3
254	713	TRICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	528				C8 . H5 . 03 .CL3
254	254	1-[(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)OXY]-1-BUTANOL ACETATE		289			C15. H26. 03
256	57103	XPALMITIC ACID	4	28			C16. H32. 02
256	7132641	METHYL PENTADECANOATE	631	742			C16. H32. 02
256	1454859	1-HEPTADECANOL	868	269			C17. H36. 01
256	124061	ETHYL MYRISTATE	187				C16. H32. 02
256	29323686	*TRICHLOROBIPHENYL		1035			C12. H7 .CL3
256	545	ISOPALMITIC ACID		321	87		C16. H32. 02
256	1119206	DIVINYL MERCURY			86	175	C4 . H6 . HG1
258	87683	X**$HEXACHLORO-1,3-BUTADIENE	144				C4 .CL6
258	57345389	5-EPIDEOXYPODOCARPIC ACID	592	227			C17. H22. 02
258	30525894	POLYFORMALDEHYDE					C8 . H18. 09
258	105997	DIBUTYL ADIPATE	753				C14. H26. 04
258	56051606	DIBUTYL-3-METHYLGLUTARATE	570	919	46		C14. H26. 04
258	36508042	OCTAHYDRO-1,4A-DIMETHYL-1-PHENANTHRENE CARBOXILIC ACID,*	12	310			C17. H22. 02
260	23262795	1,2 5,6-BIS-O-ISOPROPYLIDENE-BETA-D-TALOFURANOSE	13	293			C12. H20. 06
260	20880937	1,2 4,5-DI-O-ISOPROPYLIDENE-ALPHA-D-FRUCTOPYRANOSE	502				C12. H20. 06
260	23262784	2,3 5,6-DI-O-ISOPROPYLIDENE-ALPHA-D-TALOFURANOSE					C12. H20. 06
262	27193868	DODECYL PHENOL					C18. H30
263	527208	*PENTACHLOROANILINE	352				C6 . H2 . N1 .CL5
264	2032449	TETRAPROPYLENE GLYCOL METHYL ETHER	857	803	102		C13. H28. 05
264	87865	X**$PENTACHLOROPHENOL	423	162			C6 . H1 . 01 .CL5
266	126738	XTRIBUTYL PHOSPHATE	83	165	152	44	C12. H27. 04 . P1
266	5090415	9-OCTADECENAL	505				C18. H34. 01
266	107277	(CHLOROMETHYL)METHYL MERCURY					C2 . H5 .CL1 .HG1
268	629925	NONADECANE					C19. H40
268	7225663	7-HEXYLTRIDECANE					C19. H40
268	55000538	1,4-DIMETHYL-5-OCTYLNAPHTHALENE		1004			C20. H28
268	1120258	METHYL PALMITOLEATE		417			C17. H32. 02
268	5659416	2,3,4,5,5-PENTACHLORO-2,4-PENTADIENOIC ACID	594				C9 . H1 . 02 .CL5
268	3538944,	2,4,5-TRICHLOROPHENOXY ACETIC ACID, METHYL ESTER	379				C9 . H7 . 03 .CL3
268	26265998	HEPTADECANOIC ACID			58		C17. H32. 02
270	77474	X**$HEX (HEXACHLOROCYCLOPENTADIENE)					C5 .CL6
270	112390	METHYL PALMITATE	632	166	219		C17. H34. 02
270	506.27	MARGARIC ACID	25	176			C17. H34. 02
270	41114005	ETHYL PENTADECANOATE	337				C17. H34. 02
270	1819	2-KETOPALMITIC ACID					C16. H30. 03
270	17670756	ETHYL 7-METHYLMYRISTATE	677				C17. H34. 02
270	55723938	7-METHYL-7-HEPTADECANOL	754				C18. H36. 01
		*METHYL ESTER					

† SEE FOOTNOTE ON LAST PAGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT

NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
270	5129602	METHYL ISOPALMITATE	633	1090			C17. H34. 02
270	457	ANTEISOHEPTADECANOIC ACID	997	175	57		C17. H34. 02
270	26762467	OCTADECANOL	996	500			C18. H38. 01
270	1713148	BUTYL CLOFIBRATE		311			C14. H19. 03 .CL1
272	506136	16-HYDROXY PALMITIC ACID		918			C16. H32. 03
276	191242	%**$BENZ-(GHI)-PERYLENE					C22. H12
276	193395	%**$INDENO(1,2,3-CD)PYRENE					C22. H12
276	30353594	HEXACHLOROPENTANE			78	145	C5 . H6 .CL6
278††	17851535	$N-BUTYL-ISOBUTYLPHTHALATE	76	94			C16. H22. 04
278	84742	%+$DI-N-BUTYLPHTHALATE	1	3			C16. H22. 04
278	84695	%$DI-ISOBUTYLPHTHALATE	20	81			C16. H22. 04
278	4986916	OCTADECATRIENOIC ACID		300	75		C18. H30. 02
306	129	2-METHYL-4-DIBROMOMETHYL BENZOIC ACID		475			C9 . H8 . 02 .BR2
280	2197526	8,11-OCTADECADIENOIC ACID		291	106		C18. H32. 02
281	301020	CIS-9-OCTADECENAMIDE	809				C18. H35. N1 . 01
282	112801	%OLEIC ACID	88	143	39		C18. H34. 02
282	118741	%**$HEXACHLOROBENZENE		821			C6 .CL6
282	112958	EICOSANE					C20. H42
282	112798	ELAIDIC ACID	512	75			C18. H34. 02
282	693721	VACCENIC ACID	600	462			C18. H34. 02
282	593395	PETROSELINIC ACID	276				C18. H34. 02
284	57114	%STEARIC ACID	52	29			C18. H36. 02
284	115968	%TRIS-B-CHLOROETHYL PHOSPHATE	853	13			C6 . H12. 04 .CL3 . P1
284	2490495	METHYL ANTEISOHEPTADECANOATE		799			C18. H36. 02
284	1731926	METHYL HEPTADECANOATE (METHYL MARGARATE)	383	584			C18. H36. 02
284	628977	ETHYL PALMITATE	135	469	220	34	C18. H36. 02
284	52783434	NONADECANOL	242				C19. H40. 01
284	1731936	METHYL HEPTADECANOATE	934	1106			C18. H36. 02
284	2403550 5	OCTAHYDROPHENANTHRENE CARBOXALDEHYDE		885			C20. H28. 01
284	5636120	ISOSTEARIC ACID		696			C18. H36. 02
286	80079	SULFONYLBIS(4-CHLOROBENZENE)	152				C12. H8 . 02 .CL2 . S1
288	28984807	TRICHLOROHEPTAFLUOROBUTANE					C4 .CL3 . F7
288	58899	+%*$LINDANE	949	1037			C6 . H6 .CL6
288	319857	+%LINDANE (BETA ISOMER)	356				C6 . H6 .CL6
290	26914330	*$TETRACHLOROBIPHENYL	1165	1040			C12. H6 .CL4
290	41464408	**$2,2#,4,5#-TETRACHLOROBIPHENYL					C12. H6 .CL4
292	1018	AMYL BUTYL PHTHALATE	510				C17. H24. 04
292	301008	METHYL-9,12,15-OCTADECATRIENOATE	992				C19. H32. 02
293	82688	%*PENTACHLORONITROBENZENE	357				C6 . N1 . 02 .CL5
294	13038476	METHYL-9,11-OCTADECADIENOATE	975	940			C19. H34. 02
296	13038454	METHYLOCTADEC-10-ENOATE	974	1089			C19. H36. 02
296	112629	METHYL OLEATE		80			C19. H36. 02
296	2462842	9-OCTADECENOATE (GEOMETRY UNKNOWN)					C19. H36. 02
296	1937628	METHYL ELIADATE		138			C19. H36. 02
296	52380333	METHYL-11-OCTADECENOATE	991				C19. H36. 02

† SEE FOOTNOTE ON LAST PAGE

†† 2,4-DIBROMOBENZOIC ACID (MW 278): LISTED IN MW 250 RANGE

(continued)

TABLE 24. (continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION † DW	AWT	T4	T5	MOLECULAR FORMULA
298	112618	METHYL STEARATE	128	167	235		C19. H38. 02
298	14010232	ETHYL MARGARATE					C19. H38. 02
298	629969	ARACHIDYL ALCOHOL					C20. H42. 01
298	38411120	BUTYLBENZYLPHTHALATE					C18. H18. 04
298	625	DIDEHYDROGENATED ABIETIC ACID	693	457			C20. H26. 02
298	646308	NONADECANOIC ACID		490			C19. H38. 02
300	5155704	DEHYDROABIETIC ACID		463			C20. H28. 02
300	57983365	BIS(1-METHYLPROPYL) NONANEDIOATE	59	76	8		C17. H32. 04
302	2136798	2,3,5,6-TETRACHLOROTEREPHTHALIC ACID					C8 . H2 . 04 .CL4
302	624	ABIETIC ACID	140				C20. H30. 02
302	264	3-DICHLOROMETHYL-4,6-DI-T-BUTYL-O-BENZOQUINONE		740			C15. H20. 02 .CL2
302	5835267	ISOPIMARIC ACID		732			C20. H30. 02
302	79549	LEVOPIMARIC ACID				193	C20. H30. 02
302	54347425	7-ETHENYLDODECAHYDRO-1,4A,7-TRIMETHYL-1-PHENANTHRENECAR-*				171	C20. H30. 02
302	6080	1,3-DIMETHYL-2-(2-ISOPROPYLPHENYL)ETHYLCYCLOHEXANE CAR-					C20. H30. 02
304	4087696	HYDROGENATED ABIETIC ACID BOXILIC ACID	571			163	C20. H32. 02
306††	131180	DIAMYLPHTHALATE					C18. H26. 04
318	849998	DICYCLOHEXYLADIPATE	815				C18. H30. 04
318	629970	DOCOSANE	788	373			C22. H46
312	506309	%ARACHIDONIC ACID					C20. H40. 02
312	1731948	METHYL NONADECANOATE		283			C20. H40. 02
312	85687	%+$BUTYL BENZYL PHTHALATE		985			C19. H20. 04
312	111615	ETHYL STEARATE	292	158			C20. H40. 02
312	3121	ISOEICOSANOIC ACID	338			59	C20. H40. 02
314	109433	DIBUTYL SEBACATE		697			C18. H34. 04
314	4235741	METHYLDEHYDROABIETATE		192			C21. H30. 02
314	110338	ADIPIC ACID, DIHEXYL ESTER		364			C18. H34. 04
314	110388	DIHEXYLADIPATE	391	157	177	33	C18. H34. 04
314	1759	HEXANEDIOIC ACID, DIHEXYL ESTER	341	59			C18. H34. 04
315	38842147	2,3,4,5,6-PENTAFLUORO-N-(2-PHENYLETHYL)BENZAMIDE		1068			C15. H10. N1 . 01 . F5
316	72559	%+$DDE	459				C14. H8 .CL4
316	3424826	%O,P-DDE		1043			C14. H8 .CL4
322	33374286	$BUTYL-BUTOXY ETHYL PHTHALATE					C18. H26. 05
322	1020	3-(2,3-DIBROMOPHENYL) PROPANOIC ACID		40			C9 . H8 . 02 .BR2
322	60333	9,12-OCTADECADIENOIC ACID					C21. H38. 02
324	25429292	*$PENTACHLOROBIPHENYL		942			C12. H5 .CL5
324	638675	TRICOSANE	1166				C23. H48
324	800	*+$PENTACHLOROBIPHENYL + OTHER PCBS					C12. H5 .CL5
324	38380028	2,2#,3,4,5#-PENTACHLOROBIPHENYL	882	1041			C12. H5 .CL5
326	115866	%*TRIPHENYL PHOSPHATE					C18. H15. 04 . P1
326	18281044	ETHYL NONADECANOATE	810	1014			C21. H42. 02
326	995	TRIS(CHLOROPROPYL)PHOSPHATE					C9 . H18. 04 .CL3 . P1
328	2004	2,4,6-TRIBROMOPHENOL,		145			C6 . H3 . 01 .BR3
330	84617	%$DICYCLOHEXYL PHTHALATE	38	721			C20. H26. 04
334	84753	%+$DIHEXYL PHTHALATE	703	82			C20. H34. 04
		*BOXYLIC ACID	265	1091			

† SEE FOOTNOTE ON LAST PAGE

†† 2-METHYL-4-DIBROMOMETHYLBENZOIC ACID, MW 306: LISTED IN MW 278 RANGE

(continued)

TABLE 24. (Continued)

IDENTIFIED COMPOUNDS BY MOLECULAR WEIGHT
NOTE--THIS LIST MAY CONTAIN COMPOUNDS THAT HAVE NOT BEEN FOUND IN ANY OF THE CONCENTRATES ANALYZED

MW	CAS NO.	COMMON NAME	DATA SET CORRELATION †				MOLECULAR FORMULA
			DW	AWT	T4	T5	
336	85701	X$BUTYL(BUTOXY CARBONYL) METHYL PHTHALATE		332			C18. H24. 06
338	646311	TETRACOSANE		581			C24. H50
340	6064900	METHYL HENEICOSANOATE		363			C22. H44. 02
340	55193798	METHYLTRIDECYLOCTANOATE		139			C22. H44. 02
340	119471	2,2'METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL)	1119				C23. H32. 02
340	25378261	BEHENIC ACID		464			C22. H44. 02
352	58293	X*+$DDT		1044			C14. H9 .CL5
352	629992	PENTACOSANE		582			C25. H52
354	2889	TRICOSANOIC ACID		582			C23. H46. 02
358	26601649	*$HEXACHLOROBIPHENYL		1042			C12. H4 .CL6
362	309002	X*+$ALDRIN					C12. H8 .CL6
366	630013	HEXACOSANE		819			C26. H54
366	366	DICYCLOHEXYL SEBACATE		485			C22. H38. 04
368	563042	*TRI-M-CRESYL PHOSPHATE		836			C21. H21. 04 . P1
368	1330785	*TRICRESYL PHOSPHATE (ISOMER UNKNOWN)		250			C21. H21. 04 . P1
368	557595	LIGNOCERIC ACID		292			C24. H48. 02
370	123795	DIOCTYL ADIPATE					C22. H42. 04
370	103231	X$BIS(2-ETHYLHEXYL) ADIPATE	129	24			C22. H42. 04
370	76448	X*+$HEPTACHLOR	390	25			C10. H5 .CL7
370	541026	DECAMETHYLCYCLOPENTASILOXANE	1107	1039			C10. H30. 05
370	60571	X*+$DIELDRIN	654				C12. H8 . 01 .CL6
380	593497	HEPTACOSANE		820			C27. H56
382	506387	PENTACOSANOIC ACID		700			C25. H50. 02
390	117840	X+$DIOCTYLPHTHALATE	134	8			C24. H38. 04
390	117817	X+$BIS(2-ETHYLHEXYL) PHTHALATE	245	83			C24. H38. 04
390	27554263	DIISOOCTYL PHTHALATE	263	60			C24. H38. 04
396	55373892	METHYL PENTACOSANOATE	678				C26. H52. 02
396	506467	HEXACOSANOIC ACID		701			C26. H52. 02
406	5103742	1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO-4,7-METHANOINDENE		702			C10. H6 .CL8
412	103242	DIOCTYL AZELATE	1134	299			C25. H48. 04
426	122623	DIOCTYL SEBACATE	435	2			C26. H50. 04
434	1806548	TRIOCTYL PHOSPHATE		362			C24. H51. 04 . P1
438	21641783	NONACHLOR		683			C16. H3 .CL9
444	540976	DODECAMETHYLCYCLOHEXASILOXANE	803				C12. H36. 06 .SI6
492	630079	PENTATRIACONTANE		1008			C35. H72
548	2385855	X*MIREX					C10.CL12
622	36355018	X*HEXABROMOBIPHENYL					C12. H4 .BR6

† THE NUMERICAL ENTRY IS THE SEQUENCE NUMBER OF THE RELEVANT TABLE AT WHICH THE COMPOUND CAN BE FOUND: DW AND AWT ARE THE DRINKING WATER AND ADVANCED WASTE TREATMENT WATER GROUPS OF CONCENTRATES IN TABLES 9 AND 10, RESPECTIVELY, OF VOLUME 1, AND TABLES 3, 4 AND 5 AND 12, 13 AND 14, RESPECTIVELY OF VOLUME 2. T4 AND T5 ARE THE CINCINNATI DW SAMPLES CORRESPONDING TO THE GAC CONTACTORS A AND D IN TABLES 6 AND 9, RESPECTIVELY, OF VOLUME 3.

APPENDIX A

COMPOUND IDENTIFICATION RESULTS FOR TWO DW CONCENTRATES NOT INCLUDED IN THE TABLES OF COMBINED RESULTS

It was necessary to omit two of the DW concentrates from the tables of combined DW results (Tables 3 and 4) due to lack of sufficient space. The two concentrates chosen for omission were the Miami II XAD (code M2X) and the New Orleans II XAD (code N2X) concentrates (see Table 1) since these two were very heavily contaminated with artifact compounds attributable to the XAD-2 resin used to produce them. For completeness, the compound identification results of these omitted concentrates are presented in this appendix in two tables for each concentrate. One table lists all the compounds identified in the concentrate by decreasing order of the RS value (relative size of the GC peak). This table also displays the CAS registry number, indicates in which of the four fractions each compound was found (fraction 2: derivatized acids; fraction 5: aromatic hydrocarbons; fraction 7: high polarity neutrals; and fraction 8: bases plus medium polarity neutrals; see Section 5, Analytical Scheme, Volume 1), indicates, under "FRACTION", on which of the two GC columns identification was made (1 = identification using SP1000, 2 = identification using SP2100, 3 = identification using both GC columns), shows, under "POS. OR TENT ID," whether the identification status is positive, "P", or Tentative, "T", and gives quantitative results in nanograms per liter of original water for the Specific Search compounds. The other table lists the same set of compounds ordered by increasing molecular weight and shows the RS value, the molecular weight and the molecular formula. The listings by molecular weight are included to perform the same function as that provided by Table 24.

TABLE 1A. COMPOUNDS IDENTIFIED IN THE MIAMI II XAD CONCENTRATE (CODE M2X), LISTED BY GC PEAK SIZE

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
MIAMI II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENTATIVE ID	CONC. (NG/L)
1	8.67	+NAPHTHALENE							
2	8.64	2-ETHENYL-1,3-DIMETHYLBENZENE	91203		3		3	P	
3	7.66	1-ETHENYL-4-ETHYLBENZENE	2039909		2			P	
4	7.65	1-ETHENYL-3-ETHYLBENZENE	3454077	3	3	1	1	P	
5	7.64	1,3-DIETHYL BENZENE	7525624	2	3		1	T	
6	7.64	1,4-DIETHYL BENZENE	141935		3			P	
7	7.64	1-(1-ETHYLPROPYL)-4-METHYLBENZENE	105055		3			P	
8	7.64	1-METHYL-4-(1-METHYLETHENYL)BENZENE	22975582		3			T	
9	7.64	1,3,5-TRIETHYLBENZENE	1195320		1			T	
10	7.64	1-ETHENYL-3,5-DIMETHYLBENZENE	102250		3		1	P	
11	7.64	1,1#-ETHYLENEBIS-BENZENE	5379204		3			T	
12	7.64	1,4-DIMETHYL-2-ETHENYLBENZENE	612080		1			T	
13	7.64	2-ETHYL-1,1#-BIPHENYL	2039896		2			T	
14	7.64	3,4-DIETHYL-1,1#-BIPHENYL	1812517		2			T	
15	6.67	1-PHENYLETHANONE	61141660		2			T	
16	6.65	1,2,4-TRIETHYLBENZENE	98862			3	1	P	
17	6.64	$METHYLBENZENE	877441		3		1	T	
18	6.64	BENZOIC ACID	108883	1	2			T	
19	6.64	2,6-DIMETHYLBENZOIC ACID	65850	3				P	
20	6.64	2-BUTANOL	632462	1				T	
21	6.64	1,2-DIETHYL BENZENE	78922	2		1		T	
22	6.64	2,4-DIMETHYL-1-(1-METHYLPROPYL)BENZENE	135013		1			P	
23	6.64	1,2,3-TRIETHYLBENZENE	1483609		1			T	
24	6.64	4-METHYL-2,3 DIHYDRO-1H-INDENE	42205083		1			T	
25	6.64	1,2,3,4-TETRAHYDRONAPHTHALENE	824226		1			T	
26	6.64	1,3-DIETHENYLBENZENE	119642		1			T	
27	6.64	2-METHYLNAPHTHALENE	108576		1			T	
28	6.64	1,1-BIS(4-ETHYLPHENYL)ETHANE	91576		1			P	
29	6.64	DODECANOIC ACID, ETHYL ESTER	10224916		1			T	
30	5.88	4-METHYL-2-PENTANOL	108332				3	P	
31	5.88	1-(4-ETHYLPHENYL)ETHANONE	100112			3	1	P	
32	5.73	4-(1-METHYLETHYL)BENZALDEHYDE	937304			3	1	T	
33	5.64	TRANS-1,2-CYCLOBUTANEDICARBOXYLIC ACID	122032			1	1	T	
34	5.64	FORMIC ACID, ETHYL ESTER	1124136	1				T	
35	5.64	TRANS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	109944	2				T	
36	5.64	1-ETHENYL-2-ETHYLBENZENE	28098608	2				T	
37	5.64	1,4-DIMETHYL-2-(2-METHYLPROPYL) BENZENE	7564638		1			T	
38	5.64	(1,1-DIMETHYLBUTYL) BENZENE	55669880		3			T	
39	5.64	1-[5-(2-FURANYLMETHYL)-2-FURANYL]ETHANONE	1985575		3			T	
40	5.64	5-ETHYL-2,3-DIHYDRO-1H-INDENE	52805842		1			T	
41	5.64	2,3-DIHYDRO-2-ETHYL-1H-INDENE	52689244		1			T	
42	5.64	TETRAETHYLBENZENE	56147638		1			T	
43	5.64	1-BUTYL-2-NAPHTHALENOL	33637206		3			T	
44	5.64	2,3-DIHYDRO-1,1-DIMETHYL-1H-INDENE-4-CARBOXYLIC ACID, ETHYL ESTER	50882638		1			T	
45	5.64	1-METHYLNAPHTHALENE	55591123		1			T	
			90120		3			P	

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
MIAMI II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
46	5.64	2-ETHYL NAPHTHALENE	939275		1			P	
47	5.64	1,1'-DIMETHYLENEBIS-BENZENE	101815		3			P	
48	5.64	1,1'-(1-METHYL-1,2-ETHANEDIYL)BIS-BENZENE	5814857		3			T	
49	5.64	2,3-DIPHENYLOXIRANE	17619975		1			T	
50	5.64	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26137531		1			T	
51	5.64	3-METHYL-1H-INDENE	767602		1			T	
52	5.64	CYCLOHEXYL BENZENE	827521		2			P	
53	5.64	1,2,3,4-TETRAHYDRO-1,6-DIMETHYL-4-(1-METHYLETHYL)NAPHTHALENE	483772		2			T	
54	5.64	2-METHYL-2-PHENYLOXIRANE	2085883			1		T	
55	5.64	BENZOIC ACID, ETHYL ESTER	93890				3	P	
56	5.64	ETHYLBENZALDEHYDE (ISOMER UNKNOWN)	53951501				3	T	
57	5.64	4-ETHYLBENZALDEHYDE	4748781				1	P	
58	5.64	TETRADECANOIC ACID, ETHYL ESTER	124861				3	P	
59	5.64	HEXADECANOIC ACID, ETHYL ESTER	628977				3	P	
60	4.68	2,4,5-TRIMETHYLBENZALDEHYDE	5779726			1	1	T	
61	4.73	(1,1-DIMETHYLPROPYL)BENZENE	2049958		1		1	T	
62	4.73	2,4,6-TRIMETHYLBENZALDEHYDE	487683			1	1	T	
63	4.64	HEXANOIC ACID	142621	3				P	
64	4.64	ETHYL METHYL BIPHENYL	1015	1	2			T	
65	4.64	2-ETHYL-3-OXOBUTANOIC ACID	4433856	3				T	
66	4.64	4-OXO-PENTANOIC ACID	123762	3				P	
67	4.64	5-METHYL-4-OXOHEXANOIC ACID	41654048	3				T	
68	4.64	BENZENE ACETIC ACID	103822	3				T	
69	4.64	2-HYDROXYBENZOIC ACID	69727	3				P	
70	4.64	3,5-DIMETHYL BENZOIC ACID	499869	3				P	
71	4.64	CIS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	41654095	2				T	
72	4.64	1-ETHYL-4-(1-METHYLETHYL)BENZENE	4218488		1			T	
73	4.64	1,4-DIMETHYL-2-(1-METHYLETHYL) BENZENE	4132723		1			T	
74	4.64	2,4-DIMETHYL-1-(1-METHYLETHYL)BENZENE	4706892		1			T	
75	4.64	(1-ETHYLPROPYL) BENZENE	1196583		1			T	
76	4.64	1-METHYL-2-(2-PROPENYL)BENZENE	1587848		1			T	
77	4.64	2,3-DIHYDRO-5-METHYL-1H-INDENE	874351		1			T	
78	4.64	1-ETHYL-2,3-DIHYDRO-1H-INDENE	4830993		1			T	
79	4.64	(1-ETHYL-1-METHYLBUTYL)BENZENE	4468400		1			T	
80	4.64	1,3-BIS(1-METHYLPROPYL)BENZENE	1079965		3			T	
81	4.64	1-METHYL-1H-INDENE	767599		1			T	
82	4.64	2-METHYL-1H-INDENE	2177471		1			T	
83	4.64	7-PHENYL-3-HEPTENE	26447654		3			T	
84	4.64	2-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	32367547		1			T	
85	4.64	2-BUTYL-1-NAPHTHALENOL	58882616		1			T	
86	4.64	1-METHYL-4-(1,2,2-TRIMETHYLCYCLOPENTYL)BENZENE	16982086		1			T	
87	4.64	(1-CYCLOPROPYL-1-METHYLETHYL)BENZENE	56282430		1			T	
88	4.64	1-ETHYLNAPHTHALENE	1127760		3			P	
89	4.64	2-METHYL-1,1'-BIPHENYL	643563		3			T	
90	4.64	1,1'-(1,2-ETHANEDIYL)BIS-BENZENE	103297		1			T	

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
MIAMI II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT	ID	CONC. (NG/L)
91	4.64	3-METHYLBIPHENYL	643936		1				T	
92	4.64	1,1'-(1,2-ETHENEDIYL)BIS-BENZENE	103308		1				T	
93	4.64	1,1'-(ETHANEDIYL)BIS(4-ETHYLBENZENE)	57364791		1				T	
94	4.64	6-PHENYL-1,2,3,4-TETRAHYDRONAPHTHALENE	41284882		1				T	
95	4.64	PENTYL BENZENE	538681		2				T	
96	4.64	1,2,3,4-TETRAHYDRO-2-METHYL NAPHTHALENE	3877198		2		1		T	
97	4.64	6-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	22531208		2				T	
98	4.64	2,7-DIMETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	13065071		2				T	
99	4.64	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	54789158		2				T	
100	4.64	2-HEPTENYLBENZENE	26447632		2				T	
101	4.64	(1-METHYLHEPTYL)BENZENE	777220		2				T	
102	4.64	(2-CYCLOHEXYLETHYL)BENZENE	1603618		2				T	
103	4.64	2-(1,1-DIMETHYLETHYL)-1,2,3,4-TETRAHYDRONAPHTHALENE	42844224		2				T	
104	4.64	6-(1,1-DIMETHYLETHYL)-1,2,3,4-TETRAHYDRONAPHTHALENE	42044268		2				T	
105	4.64	BIS(3-METHYLPHENYL)METHANONE	2352688		2				T	
106	4.64	5-HEXEN-2-ONE	109499			1			T	
107	4.64	+3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	78591			1			P	
108	4.64	1-(2,4-DIMETHYLPHENYL)ETHANONE	89747			1			T	
109	4.64	1-PHENYL-2-PROPANONE	103797			1			P	
110	4.64	1-METHOXY-4-(1-PROPENYL)BENZENE	104461			1			T	
111	4.64	4,6-DIMETHYL-3(2H)-BENZOFURANONE	20895447			1			T	
112	4.64	1-(2-BUTOXYETHOXY)ETHANOL	54446785			1			P	
113	4.64	METHOXYPROPOXY PROPOXY PROPANOL	402			1			P	
114	4.64	ALPHA,ALPHA-DIMETHYLBENZENEMETHANOL	617947			1			T	
115	4.64	ALPHA,4-DIMETHYLBENZENEMETHANOL	536585			1			T	
116	4.64	3,4,5-TRIMETHYLBENZALDEHYDE	5779748			1			T	
~~117~~	~~4.64~~	~~TETRAETHYLGERMANE~~	~~597627~~			~~1~~			~~T~~	
118	4.64	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	15356748			1			T	
119	4.64	1,3-EPOXY-4-METHYLPENTANE	15845680			2			T	
120	4.64	1-UNDECANOL	112425			2			P	
121	4.64	BENZOIC ACID, HEXYL ESTER	6789884				3		T	
122	4.64	PENTADECANOIC ACID, ETHYL ESTER	41114005				1		P	
123	4.64	+$1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	117817				2		P	
124	4.25	4-PHENYL-3-BUTEN-2-ONE	122576			1	1		T	
125	3.88	METHOXY PROPOXY PROPANOL	425			1	1		P	
126	3.88	METHOXY PROPOXY PROPANOL	426			1	1		P	
127	3.64	2,3-DIMETHYLBUTANOIC ACID	14287617	3					P	
128	3.64	CHLOROACETIC ACID	79118	1					T	
129	3.64	NONANOIC ACID	112050	3					P	
130	3.64	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID	2044000	1					T	
131	3.64	3-METHYLBENZOIC ACID	99047	1					P	
132	3.64	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE	41654277	3					T	
133	3.64	3-METHOXY-1,2-BENZISOTHIAZOLE	40991386	1					T	
134	3.64	4-METHYL-1,2-BENZENEDICARBOXYLIC ACID	4316238	1					T	
135	3.64	3-HYDROXY-3-METHYL-2-BUTANONE	115220	2	1	1			T	

(continued)

TABLE 1A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
MIAMI II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
136	3.64	PENTANOIC ACID							
137	3.64	DICHLOROACETIC ACID	109524	2				P	
138	3.64	4-HYDROXY-4-METHYL-2-PENTANONE	79436	2				P	
139	3.64	1,2-BENZENEDICARBOXYLIC ACID	123422	2				T	
140	3.64	DODECANOIC ACID	88993	2				T	
141	3.64	2-OXOHEXADECANOIC ACID	143077	2				P	
142	3.64	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1019	2				T	
143	3.64	(3-METHYLBUTYL) BENZENE	1009	2				T	
144	3.64	(3-METHYLPENTYL) BENZENE	2049947		1			T	
145	3.64	5-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	54410694		1			T	
146	3.64	1,2,3,4-TETRAHYDRO-1,4,6-TRIMETHYLNAPHTHALENE	42775757		1			T	
147	3.64	1,8-DIMETHYLNAPHTHALENE	22824324		3			T	
148	3.64	1,2,3,4-TETRAHYDRO-1-PHENYLNAPHTHALENE	569415		1			T	
149	3.64	1,2,3,4-TETRAHYDRO-2-PHENYLNAPHTHALENE	3018280		1			T	
150	3.64	1-PHENYLNAPHTHALENE	29422137		1			T	
151	3.64	+PHENANTHRENE	605027		3			T	
152	3.64	DIETHYL METHYL BENZENE	85018		1			P	
153	3.64	HEXYLBENZENE	25550134		2			T	
154	3.64	1,2,4-TRIETHYL-5-METHYLBENZENE	1877163		2			P	
155	3.64	1-HEPTENYLBENZENE	19961081		2			T	
156	3.64	(1-ETHYLHEXYL)BENZENE	829992		2			T	
157	3.64	OCTYL BENZENE	18335154		2			T	
158	3.64	1,4-BIS(1-METHYLPROPYL)BENZENE	2189688		2			T	
159	3.64	1-OCTENYLBENZENE	1014411		2			T	
160	3.64	1,4-BIS(1,1-DIMETHYLPROPYL)BENZENE	29518727		2			T	
161	3.64	1,2,3,4-TETRAHYDRO-2,2,5,7-TETRAMETHYLNAPHTHALENE	3373102		2			T	
162	3.64	4,4A,9,10-TETRAHYDRO-4A-METHYL-2(3H)-PHENANTHRENONE	23342258		2			T	
163	3.64	1,2,3,4-TETRAHYDRO-1,1,2,4,4,7-HEXAMETHYLNAPHTHALENE	6606344		2			T	
164	3.64	2,3-DIMETHYL-2-BUTANOL	2884697		2			T	
165	3.64	TRANS-2-METHYLCYCLOPENTANOL	594605			1		T	
166	3.64	2-METHYL-2-CYCLOPENTEN-1-ONE	25144041			1		P	
167	3.64	(2-METHYL-1-PROPENYL)BENZENE	1120736			1		T	
168	3.64	3-METHYL-2-CYCLOPENTEN-1-ONE	768490			1		T	
169	3.64	5-(PENTYLOXY)-2-PENTENE	2758181			1		T	
170	3.64	3-METHYY-2-CYCLOHEXEN-1-ONE	56052858			1		T	
171	3.64	6-METHYL-2-HEPTANONE	1193186			1		P	
172	3.64	2,3-BUTANEDIONE	928687			1		T	
173	3.64	4-METHOXYPHENOL	431038			1		T	
174	3.64	1-METHYL-7-OXABICYCLO(4.1.0)HEPTANE	150765			1		T	
175	3.64	2-UNDECANOL	1713333			1		T	
176	3.64	1-(2-METHYLPHENYL)ETHANONE	1653301			1		P	
177	3.64	4-METHYL-3-HEPTEN-2-ONE	577162			1		T	
178	3.64	METHOXYPROPOXY PROPOXY PROPANOL	22319251			1		T	
179	3.64	METHOXYPPOPOXY PROPOXY PROPANOL	400			1		P	
180	3.64	METHOXYPROPOXY PROPOXY PROPANOL	401			1		P	
			403			1		P	

(continued)

TABLE 1A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
MIAMI II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	5	7	8	POS. OR TENT	ID	CONC. (NG/L)
181	3.64	6-METHYL-5-HEPTEN-2-ONE	110930			1			T	
182	3.64	1-(4-(1-METHYLETHYL)PHENYL)-ETHANONE	645136			1			P	
183	3.64	1-(2,4,6-TRIMETHYLPHENYL)ETHANONE	1667012			1			T	
184	3.64	1-METHYLISOQUINOLINE	1721933			1			T	
185	3.64	2,2-DIMETHYL-1-PENTANOL	2370129			2			T	
186	3.64	HEPTANENITRILE	629083				1		T	
187	3.64	2,6-DIMETHYL-4-HEPTANONE	108838				1		T	
188	3.64	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379				1		P	
189	3.64	+$1,1#-OXYBIS(2-CHLOROETHANE)	111444				1		T	
190	3.64	OCTADECANOIC ACID, ETHYL ESTER	111615				3		P	
191	2.64	2-METHYL PENTANOIC ACID	97610	3					P	
192	2.64	4-METHOXYBUTANOIC ACID	29086028	1					T	
193	2.64	4-CHLORO-3-BUTENOIC ACID	40529031	1					T	
194	2.64	2-ETHYLHEXANOIC ACID	149575	1					P	
195	2.64	HEPTANOIC ACID	111148	1					P	
196	2.64	5-METHYL-3-HEXANOL	623552	1					T	
197	2.64	2-HYDROXY-2-METHYLBUTANOIC ACID	3739308	1					T	
198	2.64	2-METHOXYBENZOIC ACID	579759	1					P	
199	2.64	3-METHYLBUTANOIC ACID	503742	2					P	
200	2.64	2-PENTENOIC ACID	626982	2					T	
201	2.64	2-HYDROXY-3-METHYLBUTANOIC ACID	4826180	2					T	
202	2.64	4 CHLOROBENZOIC ACID	74113	2					P	
203	2.64	2,3-DIHYDRO-1-METHYL-1H-INDENE	767588		2				T	
204	2.64	1,1-DIMETHYL-2,3-DIHYDRO-1H-INDENE	4912929		2				T	
205	2.64	4-HEXEN-2-ONE	25659227			1			T	
206	2.64	2-ETHYL-2-HEXENAL	645625			1			T	
207	2.64	(2,2-DIMETHYLCYCLOPENTYL)ETHANONE	3664753			1			T	
208	2.64	(1-METHYLBUTYL)OXIRANE	53229393			1			T	
209	2.64	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411			1			T	
210	2.64	TETRAMETHYLOXIRANE	5076200			1			T	
211	2.64	2-BUTOXYETHANOL	111762			1			P	
212	2.64	2-CYCLOHEXEN-1-ONE	930687			1			T	
213	2.64	2-ETHYL-1-HEXANOL	104767			1			P	
214	2.64	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211			1			T	
215	2.64	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	26790865			1			T	
216	2.64	5-METHYL-2-(1-METHYLETHYLIDENE)CYCLOHEXANONE	15932806			1			T	
217	2.64	2,5-DIMETHYLBENZALDEHYDE	5779942			1			T	
218	2.64	3,5,5-TRIMETHYL-3-CYCLOHEXEN-1-ONE	471012			1			T	
219	2.64	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	20547993			1			T	
220	2.64	1-(4-(1,1-DIMETHYLETHYL)PHENYL)ETHANONE	943271			1			T	
221	2.64	1-EICOSANOL	629969			2			T	
222	2.64	1-BUTANOL	71363				1		T	
223	2.64	1-PHENYL-1-PROPANONE	93558				1		T	
224	2.64	1-METHYL-4-(1,1-DIMETHYLETHYL) BENZENE	98511				1		T	
225	2.64	7-METHYLTETRADECANOIC ACID, ETHYL ESTER	17670756				1		T	

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
MIAMI II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
226	2.64	DIPHENYLETHANEDIONE					1	P	
227	2.64	4-HEPTANOL	134816				1	T	
228	1.64	1-CHLORO-4-METHOXYBENZENE	589559					P	
229	1.64	2,2-DICHLOROPROPANOIC ACID	623121	1				P	
230	1.64	1-(2-CHLOROPHENYL)-1-(4-CHLOROPHENYL)-2,2-DICHLOROETHYLENE	75990	2				P	
231	1.64	+$1,1-(DICHLOROETHENYLIDENE)BIS-4-CHLOROBENZENE	3424826		2			P	
232	1.64	2,6-DIMETHYLCYCLOHEXANONE	72559		2			P	3.29
233	1.64	CYCLOOCTENE	2816571			1		T	
234	1.64	1-(1-CYCLOHEXEN-1-YL)ETHANONE	931884			1		T	
235	1.64	5,5-DIMETHYL-3-(1-METHYLETHYL)-2-CYCLOHEXEN-1-ONE	932661			1		T	
236	1.64	+$BIS(2-ETHYLHEXYL) PHTHALATE	28017790			1		T	
237	1.64	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER	117840			2		T	
238	0.64	*+$FLUORANTHENE	1603798			2		T	
239	0.64	HEXANEDIOIC ACID,DIBUTYL ESTER	206440		2			P	0.46
			105997			2		T	

TABLE 2A. COMPOUNDS IDENTIFIED IN THE MIAMI II XAD CONCENTRATE (CODE M2X), LISTED BY MOLECULAR WEIGHT

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
MIAMI II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
1	SEC-BUTYL ALCOHOL	78922	6.64	74	C4 . H10. O1
2	ETHYL FORMATE	109944	5.64	74	C3 . H6 . O2
3	1-BUTANOL	71363	2.64	74	C4 . H10. O1
4	DIACETYL	431038	3.64	86	C4 . H6 . O2
5	$TOLUENE	108883	6.64	92	C7 . H8
6	CHLOROACETIC ACID	79118	3.64	94	C2 . H3 . O2 .CL1
7	2-METHYL-2-CYCLOPENTEN-1-ONE	1120736	3.64	96	C6 . H8 . O1
8	3-METHYL-2-CYCLOPENTEN-1-ONE	2758181	3.64	96	C6 . H8 . O1
9	2-CYCLOHEXENONE	930687	2.64	96	C6 . H8 . O1
10	ALLYLACETONE	109499	4.64	98	C6 . H10. O1
11	4-HEXEN-2-ONE	25659227	2.64	98	C6 . H10. N1
12	1,3-EPOXY-4-METHYLPENTANE	15045600	4.64	100	C6 . H12. O1
13	TRANS-2-METHYLCYCLOPENTANOL	25144041	3.64	100	C6 . H12. O1
14	2-PENTENOIC ACID	626982	2.64	100	C5 . H8 . O2
15	TETRAMETHYLOXIRANE	5076200	2.64	100	C6 . H12. O1
16	4-METHY-2-PENTANOL	108112	5.88	102	C6 . H14. O1
17	3-HYDROXY-3-METHYL-2-BUTANONE	115220	3.64	102	C5 . H10. O2
18	VALERIC ACID	109524	3.64	102	C5 . H10. O2
19	2,3-DIMETHYL-2-BUTANOL	594605	3.64	102	C6 . H14. O1
20	ISOVALERIC ACID	503742	2.64	102	C5 . H10. O2
21	3-METHYL-2-CYCLOHEXEN-1-ONE	1193186	3.64	110	C7 . H10. O1
22	CYCLOOCTENE	931884	1.64	110	C8 . H14
23	N-HEXYLCYANIDE	629083	3.64	111	C7 . H13. N1
24	1-METHYL-7-OXABICYCLO(4.1.0)HEPTANE	1713333	3.64	112	C7 . H12. O1
25	(1-METHYLBUTYL)OXIRANE	53229393	2.64	114	C7 . H14. O1
26	CAPROIC ACID	142621	4.64	116	C6 . H12. O2
27	LEVULINIC ACID	123762	4.64	116	C5 . H8 . O3
28	2,3-DIMETHYLBUTYRIC ACID	14287617	3.64	116	C6 . H12. O2
29	DIACETONE ALCOHOL	123422	3.64	116	C6 . H12. O2
30	2,2-DIMETHYL-1-PENTANOL	2378129	3.64	116	C7 . H16. O1
31	2-METHYL VALERIC ACID	97610	2.64	116	C6 . H12. O2
32	5-METHYL-3-HEXANOL	623552	2.64	116	C7 . H16. O1
33	DIPROPYL CARBINOL	589559	2.64	116	C7 . H16. O1
34	4-METHOXYBUTANOIC ACID	29006026	2.64	118	C5 . H10. O3
35	2-HYDROXY-2-METHYLBUTANOIC ACID	3739308	2.64	118	C5 . H10. O3
36	2-HYDROXYISOVALERIC ACID	4026180	2.64	118	C5 . H10. O3
37	2-BUTOXYETHANOL	111762	2.64	118	C6 . H14. O2
38	ACETOPHENONE	98862	6.67	120	C8 . H8 . O1
39	4-CHLORO-3-BUTENOIC ACID	40529031	2.64	120	C4 . H5 . O2 .CL1
40	BENZOIC ACID	65850	6.64	122	C7 . H6 . O2
41	P-METHOXYPHENOL (HYDROQUINONE, MONOMETHYL ETHER)	150765	3.64	124	C7 . H8 . O2
42	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211	2.64	124	C8 . H12. O1
43	2,3,4-TRIMETHYL-2-CYCLOPENTEN-1-ONE	28798865	2.64	124	C8 . H12. O1
44	1-(1-CYCLOHEXEN-1-YL)ETHANONE	932661	1.64	124	C8 . H12. O1
45	4-METHYL-3-HEPTEN-2-ONE	22319251	3.64	126	C8 . H14. O1
46	6-METHYL-5-HEPTEN-2-ONE	110930	3.64	126	C8 . H14. O1
47	2-ETHYL-3-PROPYLACROLEIN	645625	2.64	126	C8 . H14. O1

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
MIAMI II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
48	2,6-DIMETHYLCYCLOHEXANONE	2816571	1.64	126	C8 . H14. O1
49	+NAPHTHALENE	91203	8.67	128	C10. H8
50	BICHLORACETIC ACID	79436	3.64	128	C2 . H2 . O2 .CL2
51	6-METHYL-2-HEPTANONE	928687	3.64	128	C8 . H16. O1
52	M-DIETHENYLBENZENE	108576	6.64	130	C10. H10
53	3-METHYL INDENE	767682	5.64	130	C10. H10
54	2-ETHYLACETOACETIC ACID	4433856	4.64	130	C6 . H10. O3
55	1-METHYL INDENE	767599	4.64	130	C10. H10
56	2-METHYL INDENE	2177471	4.64	130	C10. H10
57	N-HEPTANOIC ACID	111148	2.64	130	C7 . H14. O2
58	2-ETHYL-1-HEXANOL	104767	2.64	130	C8 . H18. O1
59	2,6-DIMETHYLSTYRENE	2039909	8.64	132	C10. H12
60	4-ETHYLSTYRENE	3454077	7.66	132	C10. H12
61	3-ETHYLSTYRENE	7525624	7.65	132	C10. H12
62	P-ISOPROPENYLTOLUENE	1195320	7.64	132	C10. H12
63	3,5-DIMETHYL STYRENE	5379284	7.64	132	C10. H12
64	2,5-DIMETHYL STYRENE	2039896	7.64	132	C10. H12
65	4-METHYL INDAN	824226	6.64	132	C10. H12
66	TETRALIN	119642	6.64	132	C10. H12
67	O-ETHYLSTYRENE	7564638	5.64	132	C10. H12
68	O-ALLYL TOLUENE	1587048	4.64	132	C10. H12
69	5-METHYL INDAN	874351	4.64	132	C10. H12
70	(2-METHYL-1-PROPENYL)BENZENE	768498	3.64	132	C10. H12
71	1-METHYL INDAN	767588	2.64	132	C10. H12
72	1,3-DIETHYL BENZENE	141935	7.64	134	C10. H14
73	1,4-DIETHYL BENZENE	105055	7.64	134	C10. H14
74	1,2-DIETHYL BENZENE	135013	6.64	134	C10. H14
75	2-METHYL-2-PHENYLOXIRANE	2085383	5.64	134	C9 . H10. O1
76	ETHYLBENZALDEHYDE	53951501	5.64	134	C9 . H10. O1
77	P-ETHYLBENZALDEHYDE	4748781	5.64	134	C9 . H10. O1
78	BENZYL METHYL KETONE	103797	4.64	134	C9 . H10. O1
79	2+-METHYLACETOPHENONE	577162	3.64	134	C9 . H10. O1
80	2,5-DIMETHYLBENZALDEHYDE	5779942	2.64	134	C9 . H10. O1
81	PROPIOPHENONE	93550	2.64	134	C9 . H10. O1
82	PHENYLACETIC ACID	103822	4.64	136	C8 . H8 . O2
83	2-PHENYLISOPROPANOL	617947	4.64	136	C9 . H12. O1
84	P,ALPHA-DIMETHYLBENZYL ALCOHOL	536505	4.64	136	C9 . H12. O1
85	M-TOLUIC ACID	99047	3.64	136	C8 . H8 . O2
86	SALICYLIC ACID	69727	4.64	138	C7 . H6 . O3
87	+ISOPHORONE	78591	4.64	138	C9 . H14. O1
88	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	2.64	138	C9 . H14. O1
89	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	471012	2.64	138	C9 . H14. O1
90	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379	3.64	140	C9 . H16. O1
91	(2,2-DIMETHYLCYCLOPENTYL)ETHANONE	3664753	2.64	140	C9 . H16. O1
92	2-METHYLNAPHTHALENE	91576	6.64	142	C11. H10
93	1-METHYLNAPHTHALENE	90120	5.64	142	C11. H10
94	DIISOBUTYL KETONE	108838	3.64	142	C9 . H18. O1

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
MIAMI II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
95	*DICHLOROETHYL ETHER	111444	3.64	142	C4 . H8 . O1 .CL2
96	P-CHLOROANISOLE	623121	1.64	142	C7 . H7 . O1 .CL1
97	DALAPON	75990	1.64	142	C3 . H4 . O2 .CL2
98	1-METHYLISOQUINOLINE	1721933	3.64	143	C10. H9 . N1
99	1,2-CYCLOBUTANEDICARBOXYLIC ACID	1124136	5.64	144	C6 . H8 . O4
100	4-KETOISOHEPTANOIC ACID	41654040	4.64	144	C7 . H12. O3
101	2-METHOXY-4-METHYL-2-PENTENOIC ACID	1889	3.64	144	C7 . H12. O3
102	2-ETHYLHEXANOIC ACID	149575	2.64	144	C8 . H16. O2
103	5-ETHYL INDAN	52689244	5.64	146	C11. H14
104	2-ETHYL INDAN	56147638	5.64	146	C11. H14
105	1-ETHYL INDAN	4830993	4.64	146	C11. H14
106	2-METHYL TETRALIN	3877198	4.64	146	C11. H14
107	BENZILIDENEACETONE	122576	4.25	146	C10. H10. O1
108	1,1-DIMETHYLINDAN	4912929	2.64	146	C11. H14
109	4P-ETHYLACETOPHENONE	937304	5.88	148	C10. H12. O1
110	P-ISOPROPYLBENZALDEHYDE; CUMINALDEHYDE	122032	5.73	148	C10. H12. O1
111	2,4,5-TRIMETHYLBENZALDEHYDE	5779726	4.88	148	C10. H12. O1
112	(1,1-DIMETHYLPROPYL)BENZENE	2049958	4.73	148	C11. H16
113	2,4,6-TRIMETHYLBENZALDEHYDE	487683	4.73	148	C10. H12. O1
114	P-ETHYL-ISOPROPYLBENZENE	4218488	4.64	148	C11. H16
115	1,4-DIMETHYL-2-ISOPROPYL BENZENE	4132723	4.64	148	C11. H16
116	2,4-DIMETHYLISOPROPYLBENZENE	4706892	4.64	148	C11. H16
117	3-PHENYLPENTANE	1196583	4.64	148	C11. H16
118	AMYL BENZENE	538681	4.64	148	C11. H16
119	2P,4P-DIMETHYLACETOPHENONE	89747	4.64	148	C10. H12. O1
120	ANETHOLE	104461	4.64	148	C10. H12. O1
121	3,4,5-TRIMETHYLBENZALDEHYDE	5779748	4.64	148	C10. H12. O1
122	DIPROPYLENE GLYCOL, METHYL ETHER	425	3.88	148	C7 . H16. O3
123	DIPROPYLENE GLYCOL, METHYL ETHER	426	3.88	148	C7 . H16. O3
124	ISOPENTYLBENZENE	2049947	3.64	148	C11. H16
125	DIETHYL TOLUENE	25550134	3.64	148	C11. H16
126	1-METHYL-4-TERT-BUTYLBENZENE	98511	2.64	148	C11. H16
127	2,6-DIMETHYLBENZOIC ACID	632462	6.64	150	C9 . H10. O2
128	ETHYL BENZOATE	93890	5.64	150	C9 . H10. O2
129	3,5-DIMETHYLBENZOIC ACID	499069	4.64	150	C9 . H10. O2
130	O-ANISIC ACID	579759	2.64	152	C8 . H8 . O3
131	PULEGONE	15932806	2.64	152	C10. H16. O1
132	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	28547993	2.64	154	C9 . H14. O2
133	2-ETHYL NAPHTHALENE	939275	5.64	156	C12. H12
134	1-ETHYLNAPHTHALENE	1127760	4.64	156	C12. H12
135	1,8-DIMETHYLNAPHTHALENE	569415	3.64	156	C12. H12
136	5-(PENTYLOXY)-2-PENTENE	56052858	3.64	156	C10. H20. O1
137	P-CHLOROBENZOIC ACID	74113	2.64	156	C7 . H5 . O2 .CL1
138	2-ETHYL-3-METHYLFUMARIC ACID	28896808	5.64	158	C7 . H10. O4
139	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	41654095	4.64	158	C7 . H10. O4
140	PELARGONIC ACID	112050	3.64	158	C9 . H18. O2
141	PHENYLCYCLOHEXANE	827521	5.64	160	C12. H16

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
MIAMI II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
142	2-ETHYL TETRALIN	32367547	4.64	160	C12. H16
143	(1-CYCLOPROPYLISOPROPYL)BENZENE	56262430	4.64	160	C12. H16
144	6-ETHYL TETRALIN	22531200	4.64	160	C12. H16
145	2,7-DIMETHYL TETRALIN	13865071	4.64	160	C12. H16
146	TETRAHYDROFURAN-2,5-DICARBOXYLIC ACID	2044080	3.64	160	C6 . H8 . O5
147	5-ETHYL TETRALIN	42775757	3.64	160	C12. H16
148	P-(1-ETHYLPROPYL)TOLUENE	22975582	7.64	162	C12. H18
149	1,3,5-TRIETHYLBENZENE	102250	7.64	162	C12. H18
150	1,2,4-TRIETHYLBENZENE	877441	6.65	162	C12. H18
151	2,4-DIMETHYL-1-SEC-BUTYLBENZENE	1483689	6.64	162	C12. H18
152	1,2,3-TRIETHYLBENZENE	42205083	6.64	162	C12. H18
153	1,4-DIMETHYL-2-ISOBUTYL BENZENE	55669880	5.64	162	C12. H18
154	(1,1-DIMETHYLBUTYL) BENZENE	1985575	5.64	162	C12. H18
155	4,6-DIMETHYLBENZOFURANONE	28895447	4.64	162	C10. H10. O2
156	1-(2-BUTOXYETHOXY) ETHANOL	54446785	4.64	162	C8 . H16. O3
157	(3-METHYLPENTYL) BENZENE	54418694	3.64	162	C12. H18
158	1-PHENYLHEXANE	1077163	3.64	162	C12. H18
159	4-ISOPROPYLACETOPHENONE	645136	3.64	162	C11. H14. O1
160	2',4',6'-TRIMETHYLACETOPHENONE	1667012	3.64	162	C11. H14. O1
161	3-METHOXY-1,2-BENZISOTHIAZOLE	48991386	3.64	165	C8 . H7 . N1 . O1 . S1
162	PHTHALIC ACID	88993	3.64	166	C8 . H6 . O4
163	5,5-DIMETHYL-3-ISOPROPYL-2-CYCLOHEXENONE	28817798	1.64	166	C11. H18. O1
164	DIPHENYLMETHANE	101815	5.64	168	C13. H12
165	2-METHYL BIPHENYL	643563	4.64	168	C13. H12
166	3-METHYLBIPHENYL	643936	4.64	168	C13. H12
167	1-UNDECANOL	112425	4.64	172	C11. H24. O1
168	2-HENDECANOL	1653381	3.64	172	C11. H24. O1
169	4-HEPTENYLBENZENE	26447654	4.64	174	C13. H18
170	2-HEPTENYLBENZENE	26447632	4.64	174	C13. H18
171	1,4,6-TRIMETHYL TETRALIN	22824324	3.64	174	C13. H18
172	1-HEPTENYLBENZENE	829992	3.64	174	C13. H18
173	3-METHYL-3-PHENYLHEXANE	4468480	4.64	176	C13. H20
174	2,4,5-TRIETHYLTOLUENE	19961081	3.64	176	C13. H20
175	P-TERT-BUTYLACETOPHENONE	943271	2.64	176	C12. H16. O1
176	PHENANTHRENE	85018	3.64	178	C14. H10
177	ALPHA-OXOBENZENEACETIC ACID, ETHYL ESTER	1603798	1.64	178	C10. H10. O3
178	STILBENE	103300	4.64	180	C14. H12
179	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	15356748	4.64	180	C11. H16. O2
180	4-METHYLPHTHALIC ACID	4316239	3.64	180	C9 . H8 . O4
181	1,1-DIPHENYLETHANE	612088	7.64	182	C14. H14
182	2-ETHYL-1,1-BIPHENYL	1812517	7.64	182	C14. H14
183	SYM-DIPHENYLETHANE (BIBENZYL)	103297	4.64	182	C14. H14
184	2-METHOXY-3,5,5-TRIMETHYL-2-CYCLOHEXENE-1,4-DIONE	41654277	3.64	182	C10. H14. O3
185	(2-CYCLOHEXYLETHYL)BENZENE	1683618	4.64	196	C14. H20
186	2-TERT-BUTYL TETRALIN	42044224	4.64	188	C14. H20
187	6-TERT-BUTYL TETRALIN	42044268	4.64	188	C14. H20
188	1-OCTENYLBENZENE	29516727	3.64	188	C14. H20

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
MIAMI II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
189	2,2,5,7-TETRAMETHYL TETRALIN	23342298	3.64	190	C14. H20
190	1-(5-(2-FURANYLMETHYL)-2-FURANYL)ETHANONE	92805842	5.64	190	C11. H10. 03
191	TETRAETHYLBENZENE	33617286	5.64	190	C14. H22
192	M-DI-SEC-BUTYLBENZENE	1079965	4.64	190	C14. H22
193	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	84789158	4.64	190	C14. H22
194	2-PHENYLOCTANE	777228	4.64	190	C14. H22
~~195~~	~~TETRAETHYLBENZENE~~	~~607687~~	~~4.64~~	~~190~~	~~C14. H22~~
196	3-PHENYLOCTANE	18335154	3.64	190	C14. H22
197	OCTYL BENZENE	2169608	3.64	190	C14. H22
198	P-DI-SEC-BUTYLBENZENE	1014411	3.64	190	C14. H22
199	1-METHYL-1,2-DIPHENYLETHANE	5814857	5.64	196	C15. H16
200	2,3-DIPHENYLOXIRANE	17619975	5.64	196	C14. H12. 01
201	ETHYL METHYL BIPHENYL	1015	4.64	196	C15. H16
202	1-BUTYL-2-NAPHTHALENOL	50882638	5.64	200	C14. H16. 01
203	2-BUTYL-1-NAPHTHALENOL	50882616	4.64	200	C14. H16. 01
204	LAURIC ACID	143077	3.64	200	C12. H24. 02
205	1,6-DIMETHYL-4-ISOPROPYL TETRALIN	483772	5.64	202	C15. H22
206	P-(1,2,2-TRIMETHYLCYCLOPENTYL)TOLUENE	16982086	4.64	202	C15. H22
207	**$FLUORANTHENE	206440	8.64	202	C16. H10
208	1-PHENYLNAPHTHALENE	605027	3.64	204	C16. H12
209	TRIPROPYLENE GLYCOL, METHYL ETHER	402	4.64	206	C10. H22. 04
210	HEXYL BENZOATE	6789684	4.64	206	C13. H18. 02
211	TRIPROPYLENE GLYCOL, METHYL ETHER	400	3.64	206	C10. H22. 04
212	TRIPROPYLENE GLYCOL, METHYL ETHER	401	3.64	206	C10. H22. 04
213	TRIPROPYLENE GLYCOL, METHYL ETHER	403	3.64	206	C10. H22. 04
214	6-PHENYL TETRALIN	41284882	4.64	208	C16. H16
215	1-PHENYL TETRALIN	3018200	3.64	208	C16. H16
216	2-PHENYL TETRALIN	29422137	3.64	208	C16. H16
217	3,4-DIETHYLBIPHENYL	61141660	7.64	210	C16. H18
218	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26137531	5.64	210	C16. H18
219	BIS(3-METHYLPHENYL)METHANONE	2852688	4.64	210	C15. H14. 01
220	BENZIL	134816	2.64	210	C14. H10. 02
221	4,4A,9,10-TETRAHYDRO-4A-METHYL-2(3H)-PHENANTHRENONE	6606344	3.64	212	C15. H16. 01
222	1,1,2,4,4,7-HEXAMETHYL TETRALIN	2084697	3.64	216	C16. H24
223	1,1-DIMETHYL INDAN-4-CARBOXYLIC ACID, ETHYL ESTER	55591123	5.64	218	C14. H18. 02
224	P-DI-TERT-PENTYLBENZENE	3373182	3.64	218	C16. H26
225	ETHYL LAURATE	106332	6.64	228	C14. H28. 02
226	1,1-BIS(4-ETHYLPHENYL)ETHANE	10224916	6.64	238	C18. H22
227	4,4'-DIETHYLBIBENZYL	57364791	4.64	238	C18. H22
228	ETHYL MYRISTATE	124061	5.64	256	C16. H32. 02
229	DIBUTYL ADIPATE	105997	8.64	258	C14. H26. 04
230	ETHYL PENTADECANOATE	41114005	4.64	270	C17. H34. 02
231	2-KETOPALMITIC ACID	1019	3.64	270	C16. H30. 03
232	ETHYL 7-METHYLMYRISTATE	17670756	2.64	270	C17. H34. 02
233	ETHYL PALMITATE	628977	5.64	284	C18. H36. 02
234	ARACHIDYL ALCOHOL	629969	2.64	298	C20. H42. 01
235	ETHYL STEARATE	111615	3.64	312	C20. H40. 02

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
MIAMI II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
236	O,P-DDE	3424826	1.64	316	C14. H8 .CL4
237	+$DDE	72559	1.64	316	C14. H8 .CL4
238	+$BIS(2-ETHYLHEXYL) PHTHALATE	117817	4.64	390	C24. H38. O4
239	+$DIOCTYLPHTHALATE	117840	1.64	390	C24. H38. O4

TABLE 3A. COMPOUNDS IDENTIFIED IN THE NEW ORLEANS II XAD CONCENTRATE (CODE N2X), LISTED BY GC PEAK SIZE

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
NEW ORLEANS II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
1	6.72	BENZOIC ACID	65850	3				P	
2	6.72	+NAPHTHALENE	91203		3		2	P	
3	5.81	1-ETHENYL-3-ETHYLBENZENE	7525624	1	3		3	T	
4	5.80	1,3-DIETHYL BENZENE	141935		3		1	P	
5	5.72	METHYLCYCLOHEXANE	108872		2			T	
6	5.72	2-ETHENYL-1,3-DIMETHYLBENZENE	2039909		2			T	
7	5.72	1,4-DIMETHYL-2-ETHENYLBENZENE	2039896		2			T	
8	5.72	4-METHYL-2-PENTANOL	108112			1		T	
9	4.96	NONANEDIOIC ACID	123999	1		1		P	
10	4.96	1-(4-ETHYLPHENYL)ETHANONE	937304			3	3	T	
11	4.88	1-ETHENYL-4-ETHYLBENZENE	3454077	3	3	1	3	P	
12	4.88	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26137531		3	1	3	T	
13	4.80	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (7)	26130847		1		1	T	
14	4.80	1-PHENYLETHANONE	98862			3	1	P	
15	4.75	ETHYLBENZALDEHYDE (ISOMER UNKNOWN)	53951501			1	3	P	
16	4.75	2,5-DIMETHYLBENZALDEHYDE	5779942			2	3	T	
17	4.73	1,4-DIETHYL BENZENE	105055		3		1	P	
18	4.72	3-METHYLBUTANOIC ACID	503742	3				P	
19	4.72	4-OXO-PENTANOIC ACID	123762	3				P	
20	4.72	3-ETHYL-4-METHYL-2,5-FURANDIONE	3552338	1				T	
21	4.72	2-HYDROXYBENZOIC ACID	69727	3				P	
22	4.72	3,6-DICHLORO-2-METHOXYBENZOIC ACID	1918009	3				P	
23	4.72	BENZENE ACETIC ACID	103822	3				P	
24	4.72	2-METHYLBUTANOIC ACID	116530	2				P	
25	4.72	HEPTANOIC ACID	111148	2				P	
26	4.72	2-HYDROXY-1H-ISOINDOLE-1,3(2H)-DIONE	524389	2				T	
27	4.72	1,2-DIETHYL BENZENE	135013		3			P	
28	4.72	1,1'-ETHYLENEBIS-BENZENE	612000		1		2	T	
29	4.72	2-ETHYL-1,1'-BIPHENYL	1812517		2			T	
30	4.72	2-METHYL-2-PHENYLOXIRANE	2085883			1		T	
31	4.72	1-UNDECANOL	112425			1		P	
32	4.72	FORMIC ACID, BUTYL ESTER	592847			2		T	
33	4.72	2-HEXANOL	626937			2	1	P	
34	4.72	HEXANEDIOIC ACID, BIS(2-ETHYLHEXYL) ESTER	103231			2		P	
35	4.72	DODECANOIC ACID, ETHYL ESTER	106332				3	P	
36	4.72	5-(BENZOYLOXY)-PENTANAL	55162839				3	T	
37	4.72	HEXADECANOIC ACID, METHYL ESTER	112398				1	P	
38	4.72	HEXADECANOIC ACID, ETHYL ESTER	628977				2	P	
39	3.96	1-METHYL-2-(2-PROPENYL)BENZENE	1587048		3	1		T	
40	3.96	2-CHLORO-1-PHENYLETHANONE	532274			2	2	T	
41	3.80	+1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	117817			2	2	P	
42	3.75	+1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER	84742		2	2		P	
43	3.72	3-METHYLPENTANOIC ACID	105431	1				T	
44	3.72	(E,E)-2,4-HEXADIENOIC ACID	110441	1				T	
45	3.72	5-METHYL-4-OXOHEXANOIC ACID	41654048	1				T	

(continued)

TABLE 3A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
NEW ORLEANS II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
46	3.72	4-ETHYL-2,6-DIMETHYL-4-HEPTANOL							
47	3.72	TRANS-1,2-CYCLOBUTANEDICARBOXYLIC ACID	54468998	1				P	
48	3.72	3,5-DIMETHYL BENZOIC ACID	1124136	3				T	
49	3.72	*PHENOL	499869	3				P	
50	3.72	3,4-DICHLOROBENZOIC ACID	108952	1				P	11.82
51	3.72	3-METHOXYBENZOIC ACID	51445	3				P	
52	3.72	1,2-BENZENEDICARBOXYLIC ACID	586389	3				P	
53	3.72	*(2,4-DICHLOROPHENOXY)ACETIC ACID	88993	1				P	
54	3.72	3-METHYL-2-OXOPENTANOIC ACID	94757	3				P	9.28
55	3.72	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	1468340	1				T	
56	3.72	2-METHYLPROPANOIC ACID	711	3				P	
57	3.72	CIS-2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	79312	2				T	
58	3.72	3-(2,3-DIBROMOPHENYL)PROPANOIC ACID	41694095	2				T	
59	3.72	2,3-DIHYDRO-1-METHYL-1H-INDENE	1020	2				T	
60	3.72	1,4-DIPROPYLBENZENE	767588		3			T	
61	3.72	1,4-DIMETHYL-2-(2-METHYLPROPYL) BENZENE	4815570		1			T	
62	3.72	2,4-DIMETHYL-1-(1-METHYLPROPYL)BENZENE	55669880		3			T	
63	3.72	1,3,5-TRIETHYLBENZENE	1433609		3			T	
64	3.72	1,3-DIETHENYLBENZENE	102258		3			P	
65	3.72	DIETHENYLBENZENE	108576		1			T	
66	3.72	$METHYLBENZENE	1321740		3			T	
67	3.72	3-HEXANOL	108883		2			T	
68	3.72	+3,5,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	623370			1		T	
69	3.72	1-PHENYL-2-PROPANONE	78591			1		T	
70	3.72	2,3-DIHYDRO-3-METHYL-1H-INDEN-1-ONE	103797			3		P	
71	3.72	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	6072577			1		T	
72	3.72	DIOCTYL ESTER HEXANEDIOIC ACID	15356748			1		T	
73	3.72	TRANS-TETRAHYDRO-5-METHYL-2-FURANMETHANOL	123795			1		T	
74	3.72	BENZALDEHYDE	54774286			2		T	
75	3.72	TETRADECANOIC ACID, ETHYL ESTER	180527				3	P	
76	3.72	OCTADECANOIC ACID, ETHYL ESTER	124061				3	P	
77	3.72	OXACYCLOTETRADECAN-2-ONE	111619				3	P	
78	3.72	OXACYCLOHEXADECAN-2-ONE	1725048				1	T	
79	2.96	1,1-BIS(4-ETHYLPHENYL)ETHANE	106029				1	T	
80	2.80	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL	10224916		3		1	T	
81	2.72	2,3-DIMETHYLBUTANOIC ACID	20324327			1	3	P	
82	2.72	3-METHYL-2-OXO-BUTANOIC ACID	14287617	3				P	
83	2.72	4-METHYL-2-OXOPENTANOIC ACID	759857	3				T	
84	2.72	4,4-DICHLOROBUTENOIC ACID	816663	1				T	
85	2.72	2,6-DIMETHYLBENZOIC ACID	16502888	1				T	
86	2.72	4 CHLOROBENZOIC ACID	632462	1				P	
87	2.72	OCTANEDIOIC ACID	74113	3				P	
88	2.72	PHENOXY ACETIC ACID	505486	1				P	
89	2.72	2-FORMYLBENZOIC ACID	122598	1				T	
90	2.72	2,4-DICHLOROBENZOIC ACID	119675	1				T	
			50848	1				T	

(continued)

TABLE 3A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
NEW ORLEANS II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENTID	CONC. (NG/L)
91	2.72	2-ACETYLAMINOBENZOIC ACID	89521	1				T	
92	2.72	4-HYDROXY-3-METHOXY-BENZALDEHYDE	121335	1				T	
93	2.72	3,3-DIMETHYL BUTANOIC ACID	1070833	2				P	
94	2.72	PENTANOIC ACID	109524	2				P	
95	2.72	2-ETHYL BUTANOIC ACID	88095	2				P	
96	2.72	2-METHYL PENTANOIC ACID	97610	2				P	
97	2.72	2-ETHYLHEXANOIC ACID	149575	2				T	
98	2.72	1-ETHYL-4-(1-METHYLETHYL)BENZENE	4218488		3			T	
99	2.72	1-ETHYL-3-(1-METHYLETHYL)BENZENE	4920994		1			T	
100	2.72	1,2,4-TRIMETHYL ETHYL BENZENE	54120626		1			T	
101	2.72	2-METHYL-2, 3-DIHYDRO-1H-INDENE	824635		1			T	
102	2.72	1,2,4-TRIETHYLBENZENE	877441		3			T	
103	2.72	(2-METHYL-1-PROPENYL)BENZENE	768490		1			T	
104	2.72	1,2,3,4-TETRAHYDRONAPHTHALENE	119642		3			P	
105	2.72	2,3-DIHYDRO-2-ETHYL-1H-INDENE	56147638		1			T	
106	2.72	2,3-DIHYDRO-1,1-DIMETHYL-1H-INDENE-4-CARBOXYLIC ACID, ETHYL ESTER	55591123		3			T	
107	2.72	2-METHYLNAPHTHALENE	91576		3			P	
108	2.72	1,1'-DIMETHYLENEBIS-BENZENE	101815		1			P	
109	2.72	2,3-DIPHENYLOXIRANE	17619975		1			T	
110	2.72	1,1-BIS(2-ETHYLPHENYL)ETHANE	1023		3			T	
111	2.72	1,1-BIS(3-ETHYLPHENYL)ETHANE	1027		3			T	
112	2.72	2-ETHYL-1,4-DIMETHYL BENZENE	1758889		2			T	
113	2.72	2,3-DIHYDRO-1,2-DIMETHYL-1H-INDENE	17057828		2			T	
114	2.72	1,1'-BIPHENYL	92524		2			P	
115	2.72	2-BUTANOL	78922			1		T	
116	2.72	1,1-DIETHOXYBUTANE	3658955			3		T	
117	2.72	1,1 DIETHOXY ETHANE	105577			1		T	
118	2.72	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411			1		T	
119	2.72	2,2-DIETHOXYETHANOL	621636			1		T	
120	2.72	1-(2-METHOXYPROPOXY)-2-PROPANOL	13429077			1	2	P	
121	2.72	SPIRO(2.4)HEPTAN-2-ONE	5771324			1		T	
122	2.72	1-CYCLOHEXYLIDENE-2-PROPANONE	874680			1		T	
123	2.72	5-(PENTYLOXY)-2-PENTENE	56052858			1		T	
124	2.72	5-METHYL-2-HEPTANONE	18217124			1		T	
125	2.72	2-(2-ETHOXYETHOXY)ETHANOL	111900			1		P	
126	2.72	1-(2,4-DIMETHYLPHENYL)ETHANONE	89747			1		T	
127	2.72	METHOXYMETHOXYMETHYLBENZENE	31600552			1		T	
128	2.72	4-(1-METHYLETHYL)BENZALDEHYDE	122032			1		T	
129	2.72	1-(2-METHYLPHENYL)ETHANONE	577162			1		T	
130	2.72	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	20547993			1		T	
131	2.72	3-METHOXYBENZALDEHYDE	591311			1		T	
132	2.72	2(3H)-BENZOTHIAZOLONE	934349			1		T	
133	2.72	+$1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	84662			1		T	
134	2.72	2,4,5-TRIMETHYLBENZALDEHYDE	5779726			1		T	
135	2.72	TRIETHYL(PENTYLOXY)SILANE	14629528			1		T	

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
NEW ORLEANS II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
136	2.72	3A,4,7,7A-TETRAHYDRO-4,4,7-TRIMETHYL-1,3-ISOBENZOFURANDIONE	54824112			1		T	
137	2.72	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17429297			2		P	
138	2.72	1-(2-BUTOXYETHOXY)ETHANOL	54446785			2		T	
139	2.72	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	17092921			2		T	
140	2.72	2,5-DIMETHYLTETRAHYDROFURAN	1003389				1	T	
141	2.72	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379				3	P	
142	2.72	2,4,6-TRIMETHYLBENZALDEHYDE	487683				1	T	
143	2.72	3-ETHOXY-1,2-BENZISOTHIAZOLE	34263644				1	T	
144	2.72	PENTADECANOIC ACID, ETHYL ESTER	41114085				3	P	
145	2.72	2-(ACETYLOXY)-1-PHENYLETHANONE	2243358				1	T	
146	2.72	2-NITROPROPYLBENZENE	17322348				1	T	
147	2.72	2-ISOVALERYL-4-METHYL-1,3-CYCLOPENTANEDIONE	7180576				1	T	
148	2.72	2,4,5-TRIMETHYLETHYL BENZENE	17851273				2	T	
149	1.72	(E)-2-BUTENOIC ACID	3724650	1				T	
150	1.72	2-PENTENOIC ACID	626982	1				T	
151	1.72	5-METHYL HEXANOIC ACID	628466	1				T	
152	1.72	DICHLOROACETIC ACID	79436	3				P	
153	1.72	PROPANEDIOIC ACID	141822	1				P	
154	1.72	3-PHENYLPROPIONIC ACID	501520	1				P	
155	1.72	2-HYDROXY-6-METHYLBENZOIC ACID	567613	1				T	
156	1.72	2-HYDROXY-3-METHYLBENZOIC ACID	83409	1				T	
157	1.72	4-METHYL-1,2-BENZENEDICARBOXYLIC ACID	4316238	1				P	
158	1.72	3,4-DIMETHOXYBENZOIC ACID	93072	1				P	
159	1.72	4-HYDROXY-3METHOXY BENZOIC ACID	121346	1				T	
160	1.72	3-METHYL-2-BUTENOIC ACID	541479	2				P	
161	1.72	4,4-DIMETHYL-2-PENTENOIC ACID	6945353	2				T	
162	1.72	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	1008806		1			T	
163	1.72	(1,1-DIMETHYLBUTYL) BENZENE	1985575		1			T	
164	1.72	1-ETHYL-2,3-DIHYDRO-1H-INDENE	4830993		1			T	
165	1.72	1-METHYL-1H-INDENE	767599		1			T	
166	1.72	1,1A,6,6A-TETRAHYDROCYCLOPROP[A]INDENE	15677153		1			T	
167	1.72	TETRAETHYLBENZENE	33637206		3			T	
168	1.72	CYCLOHEXYL BENZENE	827521		3			P	
169	1.72	CYCLOPENTACYCLOHEPTENE	275514		1			T	
170	1.72	2-HEPTENYLBENZENE	26447632		1			T	
171	1.72	1-METHYLNAPHTHALENE	90120		3			P	
172	1.72	2-ETHYL NAPHTHALENE	939275		1			P	
173	1.72	1,1'-(1,2-ETHANEDIYL)BIS-BENZENE	103297		1			T	
174	1.72	1,1'-ETHENYLIDENEBIS(BENZENE)	530483		1			T	
175	1.72	ASYMMETRICAL BIS(ETHYLPHENYL)ETHANE	1021		1			T	
176	1.72	4-METHYL-2,3 DIHYDRO-1H-INDENE	824226		2			T	
177	1.72	2,3-DIHYDRO-1,3-DIMETHYL-1H-INDENE	4175535		2			T	
178	1.72	DIETHYL METHYL BENZENE	25550134		2			T	
179	1.72	PENTYL BENZENE	538681		2			T	
180	1.72	2-METHYL-1,1'-BIPHENYL	643583		2			P	

(continued)

TABLE 3A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
NEW ORLEANS II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT	ID	CONC. (NG/L)
181	1.72	3,4-DIETHYL-1,1#-BIPHENYL	61141660		2				T	
182	1.72	3-HYDROXY-3-METHYL-2-BUTANONE	115220			1			T	
183	1.72	TRIMETHYLFORMATE SILANOL	18243215			1			T	
184	1.72	1,2,3,3A-TETRAHYDRO AZULENE	33877871			1			T	
185	1.72	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211			1			T	
186	1.72	(1R-CIS)-4,6,6 TRIMETHYLBICYCLO (3.1.1) HEPT-3-EN-2-ONE.	18309325			1			T	
187	1.72	1-(METHYLPHENYL)ETHANONE	26444199			1			T	
188	1.72	METHOXYPROPOXY PROPOXY PROPANOL	401			1			P	
189	1.72	ALPHA,ALPHA-DIMETHYLBENZENEMETHANOL	617947			1			T	
190	1.72	DODECANAMIDE	1120167			1			T	
191	1.72	CYCLOHEXANOL	108930			2	1		P	
192	1.72	3-METHYLBUTYLOXIRANE	53229417			2			T	
193	1.72	3,5,5-TRIMETHYL-3-CYCLOHEXEN-1-ONE	471012			2			T	
194	1.72	2-METHYL-9,10-ANTHRACENEDIONE	84548			2			T	
195	1.72	HEXANEDIOIC ACID,DIBUTYL ESTER	105997			2			T	
196	1.72	2,6-DIMETHYL-4-HEPTANONE	108838				3		P	
197	1.72	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55956213				1		P	
198	1.72	2-(2-BUTOXYETHOXY)ETHANOL	112345				1		P	
199	1.72	1-METHYLISOQUINOLINE	1721933				1		T	
200	1.72	2-(2-HYDROXYPROPOXY)-1-PROPANOL	106627				1		T	
201	1.72	7-METHYLTETRADECANOIC ACID, ETHYL ESTER	17670756				1		T	
202	1.72	2-[2-(2-METHOXYETHOXY)ETHOXY]-ETHANOL	112356				1		T	
203	1.72	1-1#-(1,2-DIMETHYL-1,2-ETHANEDIYL)BISBENZENE	2726218				1		T	
204	1.72	2,3-DIMETHYL-BUTANOIC ACID, ETHYL ESTER	54004421				1		T	
205	1.72	DODECANOIC ACID METHYL ESTER	111820				2		T	
206	1.72	HEPTADECANOIC ACID, ETHYL ESTER	14010232				2		T	
207	1.72	5-PHENYL-3(PHENYLMETHYLENE)-2(3H)-FURANONE	4361960				2		T	
208	0.72	4-CHLORO-2-BUTENOIC ACID (GEOMETRY UNKNOWN)	16197903	1					T	
209	0.72	(1,1-DIMETHYLPROPYL)BENZENE	2049958		1				T	
210	0.72	HEXYLBENZENE	1077163		1				P	
211	0.72	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	54789150		1				T	
212	0.72	1,2,3,4-TETRAHYDRO-2-METHYL NAPHTHALENE	3877198		1				T	
213	0.72	6-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	22531200		1				T	
214	0.72	2-ETHYL-1,2,3,4-TETRAHYDRONAPHTHALENE	32367547		1				T	
215	0.72	1-ETHYLNAPHTHALENE	1127760		3				P	
216	0.72	1,8-DIMETHYLNAPHTHALENE	569415		1				T	
217	0.72	2,6-DIMETHYLNAPHTHALENE	581420		1				T	
218	0.72	1,1#-(1-METHYL-1,2-ETHENEDIYL)BIS-BENZENE	833818		1				T	
219	0.72	1,2,3,4-TETRAHYDRO-1-PHENYLNAPHTHALENE	3018200		1				T	
220	0.72	1,2,3,4-TETRAHYDRO-2-PHENYLNAPHTHALENE	29422137		1				T	
221	0.72	ENDO-1,7,7-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-OL	537700			1			T	
222	0.72	1-(4-METHYLPHENYL)ETHANONE	122009			2			P	
223	0.72	2-CHLORO-1-(2,4-DIMETHYLPHENYL)-2-METHYL-1-PROPANONE	54965536			2			T	
224	0.72	CIS-2-METHYLCYCLOPENTANOL	25144052				1		P	
225	0.72	1,1#-OXYBIS(2-CHLOROETHANE)	111444				1		T	

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY RELATIVE SIZE (PART I)
UNDER FRACTION, 1=FOUND ON GC COLUMN 1, 2=FOUND ON GC COLUMN 2, 3=FOUND ON BOTH GC COLUMN 1 AND GC COLUMN 2
NEW ORLEANS II XAD

SEQ NO.	RS	SYSTEMATIC NAME	CAS NO.	FRACTION 2	FRACTION 5	FRACTION 7	FRACTION 8	POS. OR TENT ID	CONC. (NG/L)
226	0.72	N-PROPYL-1-HEXANAMINE	20193231				1	T	
227	0.72	4-PHENYL-3-BUTEN-2-ONE	122576				2	T	
228	0.72	BENZOIC ACID PHENYL ESTER	93992				2	T	
229	0.72	2,2*METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL)	119471				2	T	
230	-0.28	(1-ETHYLPROPYL) BENZENE	1196583	1				T	
231	-0.28	**FLUORANTHENE	206440	3				P	0.21
232	-0.28	*1,1-(DICHLOROETHENYLIDENE)BIS-4-CHLOROBENZENE	72559	2				P	1.43
233	-0.28	1-(2-CHLOROPHENYL)-1-(4-CHLOROPHENYL)-2,2-DICHLOROETHYLENE	3424826	2				P	0.37

TABLE 4A. COMPOUNDS IDENTIFIED IN THE NEW ORLEANS II XAD CONCENTRATE (CODE N2X), LISTED BY MOLECULAR WEIGHT

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
NEW ORLEANS II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
1	SEC-BUTYL ALCOHOL	78922	2.72	74	C4 . H10. O1
2	CROTONIC ACID	3724650	1.72	86	C4 . H6 . O2
3	ISOBUTYRIC ACID	79312	3.72	88	C4 . H8 . O2
4	$TOLUENE	108883	3.72	92	C7 . H8
5	**PHENOL	108952	3.72	94	C6 . H6 . O1
6	HEXAHYDROTOLUENE	108872	5.72	98	C7 . H14
7	2,5-DIMETHYL THF	1003389	2.72	100	C6 . H12. O1
8	2-PENTENOIC ACID	626982	1.72	100	C5 . H8 . O2
9	3-METHYL-2-BUTENOIC ACID	541479	1.72	100	C5 . H8 . O2
10	CYCLOHEXANOL	108930	1.72	100	C6 . H12. O1
11	CIS-2-METHYLCYCLOPENTANOL	25144052	8.72	100	C6 . H12. O1
12	4-METHY-2-PENTANOL	108112	5.72	102	C6 . H14. O1
13	ISOVALERIC ACID	503742	4.72	102	C5 . H10. O2
14	2-METHYLBUTYRIC ACID	116530	4.72	102	C5 . H10. O2
15	BUTYL FORMATE	592847	4.72	102	C5 . H10. O2
16	2-HEXANOL	626937	4.72	102	C6 . H14. O1
17	3-HEXANOL	623370	3.72	102	C6 . H14. O1
18	VALERIC ACID	109524	2.72	102	C5 . H10. O2
19	3-HYDROXY-3-METHYL-2-BUTANONE	115220	1.72	102	C5 . H10. O2
20	MALONIC ACID	141822	1.72	104	C3 . H4 . O4
21	BENZALDEHYDE	100527	3.72	106	C7 . H6 . O1
22	SPIRO(2.4)HEPTAN-2-ONE	5771324	2.72	110	C7 . H10. O1
23	SORBIC ACID	110441	3.72	112	C6 . H8 . O2
24	3-METHYLBUTYLOXIRANE	53229417	1.72	114	C7 . H12. O1
25	LEVULINIC ACID	123762	4.72	116	C5 . H8 . O3
26	3-METHYL VALERIC ACID	105431	3.72	116	C6 . H12. O2
27	TETRAHYDRO-5-METHYL-2-FURANMETHANOL	54774286	3.72	116	C6 . H12. O2
28	2,3-DIMETHYLBUTYRIC ACID	14287617	2.72	116	C6 . H12. O2
29	3-METHYL-2-OXO-BUTANOIC ACID	759057	2.72	116	C5 . H8 . O3
30	3,3-DIMETHYLBUTYRIC ACID	1070833	2.72	116	C6 . H12. O2
31	2-ETHYLBUTYRIC ACID	88095	2.72	116	C6 . H12. O2
32	2-METHYL VALERIC ACID	97610	2.72	116	C6 . H12. O2
33	ACETALDEHYDE DIETHYL ACETAL	105577	2.72	118	C6 . H14. O2
34	TRIMETHYLSILYL FORMATE	18243215	1.72	118	C4 . H10. O2
35	ACETOPHENONE	98862	4.80	120	C8 . H8 . O1
36	4-CHLOROCROTONIC ACID	16197903	0.72	120	C4 . H5 . O2 .CL1
37	BENZOIC ACID	65850	6.72	122	C7 . H6 . O2
38	3,4,5-TRIMETHYL-2-CYCLOPENTEN-1-ONE	55683211	1.72	124	C8 . H12. O1
39	+NAPHTHALENE	91203	6.72	128	C10. H8
40	5-METHYL-2-HEPTANONE	18217124	2.72	128	C8 . H16. O1
41	DICHLORACETIC ACID	79436	1.72	128	C2 . H2 . O2 .CL2
42	4,4-DIMETHYL-2-PENTENOIC ACID	6945353	1.72	128	C7 . H12. O2
43	AZULENE	275514	1.72	128	C10. H8
44	N-HEPTANOIC ACID	111148	4.72	130	C7 . H14. O2
45	2-KETO-3-METHYL VALERIC ACID	1460340	3.72	130	C6 . H10. O3
46	M-DIETHENYLBENZENE	108578	3.72	130	C10. H10
47	DIVINYLBENZENE	1321740	3.72	130	C10. H10

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
NEW ORLEANS II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
48	2-KETOISOCAPROIC ACID	816660	2.72	130	C6 . H10. O3
49	5-METHYL HEXANOIC ACID	628466	1.72	130	C7 . H14. O2
50	1-METHYL INDENE	767599	1.72	130	C10. H10
51	1,1A,6,6A-TETRAHYDROCYCLOPROP[A]INDENE	15677153	1.72	130	C10. H10
52	3-ETHYLSTYRENE	7525624	5.81	132	C10. H12
53	2,6-DIMETHYLSTYRENE	2039909	5.72	132	C10. H12
54	2,5-DIMETHYL STYRENE	2039896	5.72	132	C10. H12
55	4-ETHYLSTYRENE	3454077	4.88	132	C10. H12
56	O-ALLYLTOLUENE	1587048	3.96	132	C10. H12
57	1-METHYL INDAN	767588	3.72	132	C10. H12
58	2-METHYL INDAN	824635	2.72	132	C10. H12
59	(2-METHYL-1-PROPENYL)BENZENE	768490	2.72	132	C10. H12
60	TETRALIN	119642	2.72	132	C10. H12
61	4-METHYL INDAN	824226	1.72	132	C10. H12
62	1,2,3,3A-TETRAHYDRO AZULENE	33877871	1.72	132	C10. H12
63	1,3-DIETHYL BENZENE	141935	5.80	134	C10. H14
64	ETHYLBENZALDEHYDE	53951501	4.75	134	C9 . H10. O1
65	2,5-DIMETHYLBENZALDEHYDE	5779942	4.75	134	C9 . H10. O1
66	1,4-DIETHYL BENZENE	105059	4.73	134	C10. H14
67	1,2-DIETHYL BENZENE	135613	4.72	134	C10. H14
68	2-METHYL-2-PHENYLOXIRANE	2085883	4.72	134	C9 . H10. O1
69	BENZYL METHYL KETONE	103797	3.72	134	C9 . H10. O1
70	2-ETHYL-1,4-DIMETHYL BENZENE	1758889	2.72	134	C10. H14
71	2,2-DIETHOXYETHANOL	621636	2.72	134	C6 . H14. O3
72	DIETHYLENE GLYCOL, MONOMETHYL ETHER (CARBITOL)	111900	2.72	134	C6 . H14. O3
73	2'-METHYLACETOPHENONE	577162	2.72	134	C9 . H10. O1
74	1-(METHYLPHENYL)ETHANONE	26444199	1.72	134	C9 . H10. O1
75	2-(2-HYDROXYPROPOXY)-1-PROPANOL (A DIPROPYLENE GLYCOL)	106627	1.72	134	C6 . H14. O3
76	P-ACETOPHENONE	122009	0.72	134	C9 . H10. O1
77	PHENYLACETIC ACID	103822	4.72	136	C8 . H8 . O2
78	M-ANISALDEHYDE	591311	2.72	136	C8 . H8 . O2
79	2-PHENYLISOPROPANOL	617947	1.72	136	C9 . H12. O1
80	SALICYLIC ACID	69727	4.72	138	C7 . H6 . O3
81	+ISOPHORONE	78591	3.72	138	C9 . H14. O1
82	3,4,4-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17299411	2.72	138	C9 . H14. O1
83	1-CYCLOHEXYLIDENE ACETONE	874680	2.72	138	C9 . H14. O1
84	4,4,5-TRIMETHYL-2-CYCLOHEXEN-1-ONE	17429297	2.72	138	C9 . H14. O1
85	3,5,5-TRIMETHYLCYCLOHEX-3-EN-1-ONE	471012	1.72	138	C9 . H14. O1
86	3-ETHYL-4-METHYL-2,5-FURANDIONE	3552338	4.72	140	C7 . H8 . O3
87	2,2,6-TRIMETHYLCYCLOHEXANONE	2408379	2.72	140	C9 . H16. O1
88	2-METHYLNAPHTHALENE	91576	2.72	142	C11. H10
89	1-METHYLNAPHTHALENE	90120	1.72	142	C11. H10
90	DIISOBUTYL KETONE	108838	1.72	142	C9 . H18. O1
91	+BIS(DICHLOROETHYL ETHER	111444	0.72	142	C4 . H8 . O1 .CL2
92	1-METHYLISOQUINOLINE	1721933	1.72	143	C10. H9 . N1
93	N-PROPYL-1-HEXANAMINE	20193231	0.72	143	C9 . H21. N1
94	4-KETOISOHEPTANOIC ACID	4165040	3.72	144	C7 . H12. O3

(continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
NEW ORLEANS II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
95	1,2-CYCLOBUTANEDICARBOXYLIC ACIC	1124136	3.72	144	C6 . H8 . O4
96	2-ETHYLHEXANOIC ACID	149575	2.72	144	C8 . H16. O2
97	2,3-DIMETHYL-BUTANOIC ACID, ETHYL ESTER	54004421	1.72	144	C8 . H16. O2
98	2,3-DIHYDRO-3-METHYL-1H-INDEN-1-ONE	6072577	3.72	146	C10. H10. O1
99	2-ETHYL INDAN	56147638	2.72	146	C11. H14
100	1,2-DIMETHYL INDAN	17057828	2.72	146	C11. H14
101	1,1-DIETHOXYBUTANE	3658955	2.72	146	C8 . H18. O2
102	1-ETHYL INDAN	4830993	1.72	146	C11. H14
103	1,3-DIMETHYL INDAN	4175535	1.72	146	C11. H14
104	2-METHYL TETRALIN	3877198	0.72	146	C11. H14
105	BENZILIDENEACETONE	122576	0.72	146	C10. H10. O1
106	4'-ETHYLACETOPHENONE	937304	4.96	148	C10. H12. O1
107	1-(2-METHOXY-1-METHYLETHOXY)-2-PROPANOL (A DIPROPYLENE GLYCOL)	20324327	2.80	148	C7 . H16. O3
108	P-ETHYL-ISOPROPYLBENZENE	4218488	2.72	148	C11. H16
109	M-ETHYLISOPROPYLBENZENE	4920994	2.72	148	C11. H16
110	1,2,4-TRIMETHYL ETHYL BENZENE	54120626	2.72	148	C11. H16
111	DIPROPYLENE GLYCOL METHYL ETHER (1-(2-METHOXYPROPOXY)-2-PROPANOL)	13429077	2.72	148	C7 . H16. O3
112	2',4'-DIMETHYLACETOPHENONE	89747	2.72	148	C10. H12. O1
113	P-ISOPROPYLBENZALDEHYDE; CUMINALDEHYDE	122032	2.72	148	C10. H12. O1
114	2,4,5-TRIMETHYLBENZALDEHYDE	5779726	2.72	148	C10. H12. O1
115	2,4,6-TRIMETHYLBENZALDEHYDE	487683	2.72	148	C10. H12. O1
116	2,4,5-TRIMETHYLETHYL BENZENE	17851273	2.72	148	C11. H16
117	DIETHYL TOLUENE	25550134	1.72	148	C11. H16
118	AMYL BENZENE	538681	1.72	148	C11. H16
119	2-(2-METHOXY-1-METHYLETHOXY)-1-PROPANOL	55956213	1.72	148	C7 . H16. O3
120	(1,1-DIMETHYLPROPYL)BENZENE	2049958	0.72	148	C11. H16
121	3-PHENYLPENTANE	1196583	-0.28	148	C11. H16
122	3,5-DIMETHYLBENZOIC ACID	499069	3.72	150	C9 . H10. O2
123	2,6-DIMETHYLBENZOIC ACID	632462	2.72	150	C9 . H10. O2
124	2-FORMYLBENZOIC ACID	119675	2.72	150	C8 . H6 . O3
125	HYDROCINNAMIC ACID	501520	1.72	150	C9 . H10. O2
126	VERBENONE	18309325	1.72	150	C10. H14. O1
127	2(3H)-BENZOTHIAZOLONE	934349	2.72	151	C7 . H5 . N1 . O1 . S1
128	3-METHOXYBENZOIC ACID	586389	3.72	152	C8 . H8 . O3
129	PHENOXY ACETIC ACID	122598	2.72	152	C8 . H8 . O3
130	VANILLIN	121335	2.72	152	C8 . H8 . O3
131	METHOXYMETHOXYMETHYLBENZENE	31600552	2.72	152	C9 . H12. O2
132	2-HYDROXY-6-METHYLBENZOIC ACID	567613	1.72	152	C8 . H8 . O3
133	O-CRESOTIC ACID	83409	1.72	152	C8 . H8 . O3
134	OMEGA-CHLOROACETOPHENONE	532274	3.96	154	C8 . H7 . O1 .CL1
135	4,4-DICHLOROBUTENOIC ACID	16502888	2.72	154	C4 . H4 . O2 .CL2
136	BIPHENYL	92524	2.72	154	C12. H10
137	2,2,6-TRIMETHYL-1,4-CYCLOHEXANEDIONE	20547993	2.72	154	C9 . H14. O2
138	ENDO-BORNEOL	507700	0.72	154	C10. H18. O1
139	P-CHLOROBENZOIC ACID	74113	2.72	156	C7 . H5 . O2 .CL1
140	5-(PENTYLOXY)-2-PENTENE	56052858	2.72	156	C10. H20. O1
141	2-ETHYL NAPHTHALENE	939275	1.72	156	C12. H12

(continued)

TABLE 4A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
NEW ORLEANS II XAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
142	1-ETHYLNAPHTHALENE	1127760	0.72	156	C12. H12
143	1,8-DIMETHYLNAPHTHALENE	569415	0.72	156	C12. H12
144	2,6-DIMETHYLNAPHTHALENE	581420	0.72	156	C12. H12
145	2-ETHYL-3-METHYL-2-BUTENEDIOIC ACID	41654095	3.72	158	C7 . H10. O4
146	PHENYLCYCLOHEXANE	827521	1.72	160	C12. H16
147	6-ETHYL TETRALIN	22531200	0.72	160	C12. H16
148	2-ETHYL TETRALIN	32367547	0.72	160	C12. H16
149	P-DIPROPYLBENZENE	4815578	3.72	162	C12. H18
150	1,4-DIMETHYL-2-ISOBUTYL BENZENE	55669880	3.72	162	C12. H18
151	2,4-DIMETHYL-1-SEC-BUTYLBENZENE	1483609	3.72	162	C12. H18
152	1,3,5-TRIETHYLBENZENE	102253	3.72	162	C12. H18
153	1,2,4-TRIETHYLBENZENE	877441	2.72	162	C12. H18
154	1-(2-BUTOXYETHOXY) ETHANOL	54446785	2.72	162	C8 . H18. O3
155	(1,1-DIMETHYLBUTYL) BENZENE	1985575	1.72	162	C12. H18
156	2-(2-BUTOXYETHOXY)ETHANOL (A DIETHYLENE GLYCOL, MONOBUTYL ETHER)	112345	1.72	162	C8 . H18. O3
157	1-PHENYLHEXANE	1077163	8.72	162	C12. H18
158	N-HYDROXYPHTHALAMIDE	524389	4.72	163	C8 . H5 . N1 . O3
159	TRIETHYLENE GLYCOL METHYL ETHER	112356	1.72	164	C7 . H16. O4
160	2-NITROPROPYLBENZENE	17322348	2.72	165	C9 . H11. N1 . O2
161	PHTHALIC ACID	88993	3.72	166	C8 . H6 . O4
162	DECAHYDRO-2,3-DIMETHYLNAPHTHALENE	1008806	1.72	166	C12. H22
163	DIPHENYLMETHANE	101815	2.72	168	C13. H12
164	VANILLIC ACID	121346	1.72	168	C8 . H8 . O4
165	2-METHYL BIPHENYL	643583	1.72	168	C13. H12
166	1-UNDECANOL	112425	4.72	172	C11. H24. O1
167	4-ETHYL-2,6-DIMETHYL-4-HEPTANOL	54460990	3.72	172	C11. H24
168	SUBERIC ACID	505586	2.72	174	C8 . H14. O4
169	2-HEPTENYLBENZENE	26447632	1.72	174	C13. H18
170	2-ACETYLOXYACETOPHENONE	2243358	2.72	178	C10. H10. O3
171	N-ACETYLANTHRANILIC ACID	89521	2.72	179	C9 . H9 . N1 . O3
172	3-ETHOXY-1,2-BENZISOTHIAZOLE	34263644	2.72	179	C9 . H9 . N1 . O1 . S1
173	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	15356742	3.72	180	C11. H16. O2
174	5,6,7,7A-TETRAHYDRO-4,4,7A-TRIMETHYL-2(4H)-BENZOFURANONE	17092921	2.72	180	C11. H16. O2
175	4-METHYLPHTHALIC ACID	4316238	1.72	180	C9 . H8 . O4
176	1,1-DIPHENYLETHENE	530483	1.72	180	C14. H12
177	1,1-DIPHENYLETHANE	612000	4.72	182	C14. H14
178	2-ETHYL-1,1-BIPHENYL	1812517	4.72	182	C14. H14
179	VERATRIC ACID	93072	1.72	182	C9 . H10. O4
180	SYM-DIPHENYLETHANE (BIBENZYL)	103297	1.72	182	C14. H14
181	AZELAIC ACID	123999	4.96	188	C9 . H16. O4
182	3,4-DICHLOROBENZOIC ACID	51445	3.72	190	C7 . H4 . O2 .CL2
183	2,4-DICHLOROBENZOIC ACID	50840	2.72	190	C7 . H4 . O2 .CL2
184	TETRAETHYLBENZENE	33637206	1.72	190	C14. H22
185	1-(1-ETHYLPROPYL)-2-PROPYLBENZENE	54789150	8.72	190	C14. H22
186	3A,4,7,7A-TETRAHYDRO-4,4,7-TRIMETHYL-1,3-ISOBENZOFURANDIONE	54824112	2.72	194	C11. H14. O3
187	ALPHA-METHYLSTILBENE	833818	8.72	194	C15. H14
188	2,3-DIPHENYLOXIRANE	17619975	2.72	196	C14. H12. O1

(continued)

N2X

TABLE 4A. (continued)

COMPOUNDS FOUND IN CONCENTRATE BY MOLECULAR WEIGHT
NEW ORLEANS II MAD

	COMMON NAME	CAS NO.	RS	MW	MOLECULAR FORMULA
189	2-ISOVALERYL-4-METHYL-1,3-CYCLOPENTANEDIONE	7148576	2.72	196	C11. H16. 03
190	PHENYL BENZOATE	93992	8.72	198	C13. H10. 02
191	DODECANAMIDE	1120167	1.72	199	C12. H25. N1 . 01
192	TRIETHYL(PENTYLOXY)SILANE	14629528	2.72	202	C11. H26. 01
193	*†FLUORANTHENE	206440	-0.28	202	C16. H10
194	5-(BENZOYLOXY)-PENTANY	55162839	4.72	206	C12. H14. 03
195	TRIPROPYLENE GLYCOL, METHYL ETHER	401	1.72	206	C10. H22. 04
196	1-PHENYL TETRALIN	1818200	8.72	208	C16. H16
197	2-PHENYL TETRALIN	29422137	8.72	208	C16. H16
198	1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE (TRANS-ISOMER)	26137531	4.80	210	C16. H18
199	CIS-1,2,3-TRIMETHYL-4-PROPENYLNAPHTHALENE	26138847	4.80	210	C16. H18
200	3,4-DIETHYLBIPHENYL	61141660	1.72	210	C16. H18
201	1-1'-(1,2-DIMETHYL-1,2-ETHANEDIYL)BISBENZENE	2726218	1.72	210	C16. H18
202	2-CHLORO-1-(2,4-DIMETHYLPHENYL)-2-METHYL-1-PROPANONE	54965536	8.72	210	C12. H15. 01 .CL1
203	OXACYCLOTETRADECAN-2-ONE	1725048	3.72	212	C13. H24. 02
204	METHYL LAURATE	111820	1.72	214	C13. H26. 02
205	1,1-DIMETHYL INDAN-4-CARBOXYLIC ACID, ETHYL ESTER	55991123	2.72	218	C14. H18. 02
206	DICAMBA	1918009	4.72	220	C8 . H6 . 03 .CL2
207	*2,4-DICHLOROPHENOXYACETIC ACID, (2,4-D)	94757	3.72	220	C8 . H6 . 03 .CL2
208	DICHLOROPHENOXYACETIC ACID (ISOMER UNKNOWN)	711	3.72	220	C8 . H6 . 03 .CL2
209	+†DIETHYL PHTHALATE	84662	2.72	222	C12. H14. 04
210	2-METHYLANTHRAQUINONE	84548	1.72	222	C15. H10. 02
211	ETHYL LAURATE	106332	4.72	228	C14. H28. 02
212	1,1-BIS(4-ETHYLPHENYL)ETHANE	18224916	2.96	238	C18. H22
213	1,1-BIS(O-ETHYLPHENYL)ETHANE	1023	2.72	238	C18. H22
214	1,1-BIS(M-ETHYLPHENYL)ETHANE	1027	2.72	238	C18. H22
215	ASYMMETRICAL BIS(ETHYLPHENYL)ETHANE	1021	1.72	238	C18. H22
216	EXALTOLIDE	106025	3.72	240	C15. H28. 02
217	5-PHENYL-3(PHENYLMETHYLENE)-2(3H)-FURANONE	4361560	1.72	248	C17. H12. 02
218	ETHYL MYRISTATE	124061	3.72	256	C16. H32. 02
219	DIBUTYL ADIPATE	105997	1.72	258	C14. H26. 04
220	METHYL PALMITATE	112390	4.72	270	C17. H34. 02
221	ETHYL PENTADECANOATE	41114005	2.72	270	C17. H34. 02
222	ETHYL 7-METHYLMYRISTATE	17670756	1.72	270	C17. H34. 02
223	+†DI-N-BUTYLPHTHALATE	84742	3.75	278	C16. H22. 04
224	ETHYL PALMITATE	628977	4.72	284	C18. H36. 02
225	ETHYL MARGARATE	14010232	1.72	298	C19. H38. 02
226	ETHYL STEARATE	111615	3.72	312	C20. H40. 02
227	+†DDE	72559	-0.28	316	C14. H8 .CL4
228	O,P-DDE	3424826	-0.28	316	C14. H8 .CL4
229	3-(2,3-DIBROMOPHENYL) PROPANOIC ACID	1020	3.72	322	C9 . H8 . 02 .BR2
230	2,2'METHYLENEBIS(6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL)	119471	0.72	340	C23. H32. 02
231	BIS(2-ETHYLHEXYL) ADIPATE	103231	4.72	370	C22. H42. 04
232	DIOCTYL ADIPATE	123795	3.72	370	C22. H42. 04
233	+†BIS(2-ETHYLHEXYL) PHTHALATE	117817	3.80	390	C24. H38. 04

(continued)

APPENDIX B

CONTENTS AND LISTS OF TABLES FOR VOLUMES 1 AND 3

The contents and lists of tables for the other volumes of this report are presented here to aid the reader's grasp of the scope of this report in the absense of these other two volumes.

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